

# F79

# METAL SHIELD

## CHARACTERISTICS

Metal Shield is a quick drying acrylic modified alkyd paint designed for application to marginally prepared steel surfaces.

This self-priming product provides a tough weather resistant film with excellent adhesive properties on tightly adherent rust surfaces or previously painted surfaces with tightly adherent films. May be used as the sole protective product or as a primer under high performance alkyd enamel topcoats.

## USES

Primer/Topcoat for ferrous substrates.

Primer over rusted/pitted steel where blasting is not possible.

General purpose product for domestic metal gutters, drain pipes, gates etc.

## COLOUR

White, Silver Grey, Black, Garden Green

## SPECIFIC GRAVITY

1.29+/-0.01

## WEIGHT SOLIDS

61+/-2%

## VOLUME SOLIDS

47+/-2%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

## Contains no added lead. APPLICATION

SPREADING RATE

(Calculated) 8m<sup>2</sup>/lt

(86 sq ft)/lt

## DRYING SCHEDULE

To Touch:- 4 hours

To Recoat:- Overnight

## REDUCTION

Use as supplied.

Clean equipment with White Spirits. SURFACE PREPARATION

Remove all grease, oil, dust or other contaminants by solvent cleaning. Remove all loose rust using a wire brush or powered hand tool.

**Note:- Metal Shield may be applied over tight, granular rust. Do not apply over heavy rust scale.**

## PREVIOUSLY PAINTED SURFACES

Check compatibility by applying Metal Shield on a test area and inspecting for adhesion, lifting, wrinkling or other signs of incompatibility

# F119

## FLEETWOOD WOOD PRIMER

### CHARACTERISTICS

A top quality oil based wood primer, pigmented with titanium dioxide and inert mineral extenders.

COLOUR

White

DRYING SCHEDULE

Tack Free:- 3-4 hrs under normal drying conditions.

Hard Dry:- Overnight

Overcoat:- Overnight under normal

**conditions.**

### SPECIFIC GRAVITY

1.75+/-0.10

WEIGHT SOLIDS

81+/-2%

VOLUME SOLIDS

60+/-2%

VEHICLE TYPE

Oil modified alkyd

FLASH POINT

400C

### PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION

PRACTICAL SPREADING RATE

(Calculated) 12-16m<sup>2</sup>

### METHODS

Brush, roller, conventional airspray.

### PERFORMANCE INFORMATION

This product is a premium quality base coat for bare wood that smooths and fills for a perfect paint finish when used under Fleetwood oil based paints. Suitable for softwood, plywood, chipboard etc. For highly resinous softwood use Fleetwood Aluminium Wood Primer.

### CLEAN UP

Clean equipment with White Spirits.

SURFACE PREPARATION

Wood must be dry, free of dirt, grease, wax, polish and old finishes in poor condition. Sand wood to a smooth surface and remove sanding dust with a tack cloth or vacuum. Treat knots with knotting where necessary.

Stir thoroughly before use. Ideal preparation for a beautiful gloss finish when overcoated with Fleetwood

Undercoat and Gloss on properly prepared surfaces.

# F79

# METAL SHIELD

## CHARACTERISTICS

Metal Shield is a quick drying acrylic modified alkyd paint designed for application to marginally prepared steel surfaces.

This self-priming product provides a tough weather resistant film with excellent adhesive properties on tightly adherent rust surfaces or previously painted surfaces with tightly adherent films. May be used as the sole protective product or as a primer under high performance alkyd enamel topcoats.

## USES

Primer/Topcoat for ferrous substrates.  
Primer over rusted/pitted steel where blasting is not possible.  
General purpose product for domestic metal gutters, drain pipes, gates etc.

## COLOUR

White, Silver Grey, Black, Garden Green

## SPECIFIC GRAVITY

1.29+/-0.01

## WEIGHT SOLIDS

61+/-2%

## VOLUME SOLIDS

47+/-2%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

## Contains no added lead.APPLICATION

SPREADING RATE

(Calculated) 8m<sup>2</sup>/lt

(86 sq ft)/lt

## DRYING SCHEDULE

To Touch:- 4 hours

To Recoat:- Overnight

## REDUCTION

Use as supplied.

Clean equipment with White Spirits.SURFACE PREPARATION

Remove all grease, oil, dust or other contaminants by solvent cleaning. Remove all loose rust using a wire brush or powered hand tool.

**Note:- Metal Shield may be applied over tight, granular rust. Do not apply over heavy rust scale.**

## PREVIOUSLY PAINTED SURFACES

Check compatibility by applying Metal Shield on a test area and inspecting for adhesion, lifting, wrinkling or other signs of incompatibility

# F11

# FLEETWOOD HIGH GLOSS

## CHARACTERISTICS

A high gloss alkyd based enamel for interior and exterior surfaces.

## COLOUR

Various colours using our Colour Answers Tinting machine.

## DRYING SCHEDULE

To Touch:- 2 hours

Tack Free:- 3-5 hours

Hard Dry:- overnight (under normal drying conditions)

## SPECIFIC GRAVITY

Base P 1.17+/-0.01

## WEIGHT SOLIDS

Base P 66+/-2%

## VOLUME SOLIDS

Base P 50+/-2%

## VEHICLE TYPE

Soya Bean Oil

## FLASH POINT

105F

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

## APPLICATION

### SPREADING RATE

14m<sup>2</sup> per litre, per coat on non porous surfaces.

## METHODS

Brush, roller or spray. Leave overnight before applying second coat.

## PERFORMANCE INFORMATION

Fleetwood High Gloss is formulated to give a high gloss, fast drying finish which may be used on all interior and exterior surfaces.

## CLEAN UP

Clean up with White Spirits.

### SURFACE PREPARATION

Before using ensure that all surfaces are clean and free from dust, grease, rust, loose or peeling paint. Bare

substrates should be primed with an appropriate primer.

Surface contamination should be cleaned by washing with a commercial cleaner. Rub down glossy surfaces with fine sand paper or steel wool.

New surfaces should be primed and undercoated.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Galvanised:- The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC SP1. When weathering is not possible, surfaces must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC SP2. Prime rust areas with appropriate anti-corrosive primer.

# F12

# FLEETWOOD SATINWOOD

## CHARACTERISTICS

A polyurethane alkyd based enamel for interior and exterior surfaces.

## COLOUR

Various colours using Colour Answers Tinting machine.

## DRYING SCHEDULE

To Touch:- 2 hours

Tack Free:- 3-5 hours

Hard Dry:- overnight (under normal drying conditions)

## SPECIFIC GRAVITY

Base P 1.35+/-0.15

## WEIGHT SOLIDS

Base P 70+/-2%

## VOLUME SOLIDS

Base P 50+/-2%

## VEHICLE TYPE

Polyurethane/Soya Bean Oil

## FLASH POINT

105F

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

## APPLICATION

### SPREADING RATE

14m<sup>2</sup> per litre, per coat on non porous surfaces.

## METHODS

Brush, roller or spray. Leave overnight before applying second coat.

## PERFORMANCE INFORMATION

Fleetwood Satinwood is formulated to give a satin gloss, fast drying finish which may be used on all interior and exterior surfaces.

## CLEAN UP

Clean up with White Spirits.

### SURFACE PREPARATION

Before using ensure that all surfaces are clean and free from dust, grease, rust, loose or peeling paint. Bare

substrates should be primed with an appropriate primer.

Surface contamination should be cleaned by washing with a commercial cleaner. Rub down glossy surfaces with fine sand paper or steel wool.

New surfaces should be primed and undercoated.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Galvanised:-** The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC SP1. When weathering is not possible, surfaces must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC SP2. Prime rust areas with appropriate anti-corrosive primer.

# T7

# TRADE EGGSHELL

## SOLVENT BASED

### CHARACTERISTICS

An oil based eggshell for interior surfaces.

### COLOUR

Various colours using Colour Answers Tinting machine.

### DRYING SCHEDULE

To Touch:- 2 hours

Tack Free:- 3-5 hours

Hard Dry:- overnight (under normal drying conditions)

### SPECIFIC GRAVITY

Base P 1.35+/-0.15

### WEIGHT SOLIDS

Base P 70+/-2%

### VOLUME SOLIDS

Base P 50+/-2%

### VEHICLE TYPE

Polyurethane/Soya Bean Oil

### FLASH POINT

105F

### PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

### APPLICATION

#### SPREADING RATE

14m<sup>2</sup> per litre, per coat on non porous surfaces.

### METHODS

Brush, roller or spray. Leave overnight before applying second coat.

### PERFORMANCE INFORMATION

This product is formulated to give an eggshell, fast drying finish which may be used on all interior surfaces.

### CLEAN UP

Clean up with White Spirits.

### SURFACE PREPARATION

Before using ensure that all surfaces are clean and free from dust, grease, rust, loose or peeling paint. Bare substrates should be primed with an appropriate primer.

Surface contamination should be cleaned by washing with a commercial cleaner. Rub down glossy surfaces with fine sand paper or steel wool.

New surfaces should be primed and undercoated.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Galvanised:-** The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC SP1. When weathering is not possible, surfaces must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC SP2. Prime rust areas with appropriate anti-corrosive primer.

# F76

# FLEETWOOD NON-DRIP GLOSS

## CHARACTERISTICS

A high gloss finish with the convenience of non-drip application. Easy to use providing a tough long lasting finish on interior and exterior surfaces.

## COLOUR

Brilliant white plus various colours on Fleetwood colour card.

## DRYING SCHEDULE

To Touch:- 2 hours

Tack Free:- 3-5 hours

Hard Dry:- overnight (under normal drying conditions)

## SPECIFIC GRAVITY

1.15+/-1 (white)

## WEIGHT SOLIDS

63+/-1%

## VOLUME SOLIDS

48+/-1%

## VEHICLE TYPE

Modified Alkyd

## FLASH POINT

105F

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

## APPLICATION

### SPREADING RATE

12m<sup>2</sup> per litre

## METHODS

Brush. Leave overnight before applying second coat.

## PERFORMANCE INFORMATION

Fleetwood Non-Drip Gloss is formulated to give a high gloss, fast drying finish which may be used on all interior and exterior surfaces.

## CLEAN UP

Clean up with White Spirits.

**SURFACE PREPARATION**  
Before using ensure that all surfaces are clean and free from dust, grease, rust, loose or peeling paint. Bare substrates should be primed with an appropriate primer.

Surface contamination should be cleaned by washing with a commercial cleaner. Rub down glossy surfaces with fine sand paper or steel wool.

New surface should be primed and undercoated.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Galvanised:-** The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC SP1. When weathering is not possible, surfaces must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC SP2. Prime rust area with appropriate anti-corrosive primer.

# F10

# FLEETWOOD UNDERCOAT

## CHARACTERISTICS

A top quality alkyd based undercoat.

## COLOUR

White and selected colours from Colour Answers Tinting Machine.

## DRYING SCHEDULE

To Touch:- 15-30 mins

Tack Free:- 1 hr normal drying conditions.

Hard Dry:- Overnight

Dry to sand:- Overnight

Dry to recoat:- Overnight

## SPECIFIC GRAVITY

1.48+/-0.10

## WEIGHT SOLIDS

75+/-2%

## VOLUME SOLIDS

53+/-2%

## VEHICLE TYPE

Soya Bean Oil

## FLASH POINT

105F

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

## APPLICATION

### SPREADING RATE

(Calculated) 12-14m<sup>2</sup>

(125-145 sq ft) per litre.

## METHODS

Brush, roller, conventional airspray.

## PERFORMANCE INFORMATION

This product is a premium quality undercoat, formulated to be used over primed or previously painted surfaces. It has excellent holdout properties, obliteration, flow, sanding and application characteristics.

## CLEAN UP

Clean equipment with White Spirits.

### SURFACE PREPARATION

Surfaces must be clean, dry and free from dirt, chalk, grease, wax and dust. Remove all loose and flaking material. Scuff sand glossy surfaces. Spot prime any bare or new surfaces with the appropriate primer.

Stir thoroughly before use. Ideal preparation for a beautiful gloss finish. The Undercoat can be applied over properly prepared surfaces as above. Leave overnight to dry before overcoating.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

# F13

# FLEETWOOD OXIDE

## **CHARACTERISTICS**

Oxide Paint is an alkyd based self priming finish especially designed for use on weathered galvanised buildings or general steel work.

## **COLOUR**

Green, Red and Grey

## **DRYING SCHEDULE**

To Touch:- 1 hour  
Hard Dry: overnight

## **SPECIFIC GRAVITY**

1.33+/-2

## **WEIGHT SOLIDS**

69+/-2%

## **VOLUME SOLIDS**

48+/-2%

## **VEHICLE TYPE**

Soya Bean Alkyd

## **FLASH POINT**

105F

## **PRECAUTIONS**

Keep out of reach of children.  
Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.  
Contains no added lead.

**APPLICATION**  
Apply one coat and allow overnight drying before applying a second coat if necessary.

## **SPREADING RATE**

14m<sup>2</sup> per litre, per coat on non porous surfaces.

## **METHODS**

Brush, roller or spray. Leave overnight before applying a second coat.

## **CLEAN UP**

Clean up with White Spirits.

## **SURFACE PREPARATION**

Ensure all substrates are clean, dry and free from grease and wax. Galvanised areas must be weathered for a minimum of 6 months.

# T8

# TRADE UNDERCOAT

## CHARACTERISTICS

A high opacity oil based undercoat for interior and exterior use. Specifically designed for use by the professional painter.

## COLOUR

White

## DRYING SCHEDULE

To Touch:- 15-30 mins

Tack Free:- 1 hr normal drying conditions.

Hard Dry:- Overnight

Dry to sand:- Overnight

Dry to recoat:- Overnight

## SPECIFIC GRAVITY

1.52+/-0.01

## WEIGHT SOLIDS

73+/-1%

## VOLUME SOLIDS

48+/-1%

## VEHICLE TYPE

Soya Bean Oil

## FLASH POINT

105F

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

## APPLICATION

### SPREADING RATE

(Calculated) 12-14m<sup>2</sup>

(125-145 sq ft) per litre.

## METHODS

Brush, roller, conventional airspray.

## PERFORMANCE INFORMATION

This product is a premium quality undercoat, formulated to be used over primed or previously painted surfaces. It has excellent holdout properties, obliteration, flow, sanding and application characteristics.

## CLEAN UP

Clean equipment with White Spirits.

### SURFACE PREPARATION

Surfaces must be clean, dry and free from dirt, chalk, grease, wax and dust. Remove all loose and flaking material. Scuff sand glossy surfaces. Spot prime any bare or new surfaces with the appropriate primer.

Stir thoroughly before use. Ideal preparation for a beautiful gloss finish. The Undercoat can be applied over properly prepared surfaces as above. Leave overnight to dry before overcoating.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

# F140

# RIDGEWAY FLOOR PAINT

## CHARACTERISTICS

A single-pack general purpose, light duty floor coating for use in warehouses, factories, work shops, garages, showrooms etc.

It is a tough urethane alkyd binder pigmented with inert inorganic pigments and thinned with White Spirit.

## DRYING SCHEDULE

**Substrate Temperature 20oC**

**Touch Dry 2 hours**

**Hard Dry within 16 hours**

**Overcoating Interval-min\* 8 hours**

**Overcoating Interval-max 7 days**

**Note:** Drying/curing times will be shortened by higher temperatures and lengthened by lower temperatures.

\*Inadequate ventilation will affect drying/curing performance.

## COLOUR

Semi Gloss/Red, Mid Grey, Green and supplementary colours.

## VOC CONTENT

450gms/ltr

## VOLUME SOLIDS

42%

## PRECAUTIONS

Avoid skin & eye contact i.e. wear gloves, goggles, etc.

Ensure good ventilation, mechanical if necessary.

Store and use away from heat and flame.

Do not eat or smoke in the vicinity of work.

Wash hands before eating.

Refer to supply container for additional warning labels.

**APPLICATION**  
Preferred short pile roller but can be airless sprayed (0.015" tip and 2000 psi atomising pressure).

2 coats normally required.

## THICKNESS

40 microns dft/coat

## THEORETICAL COVERAGE

10sq mtr/ltr/coat

## PRACTICAL COVERAGE

Reduce theoretical coverage by approx. 20%. (Practical coverage can vary considerably depending on method of application, surface roughness, weather conditions and complexity of the structure).

## THINNER

White Spirit

## CLEANER

White Spirit

## STORAGE & HANDLING

Store in a safe place out of the reach of children.

Pack Size: 5 litres

Flash Point: Above 32oC

Product Weight: 1.00-1.10 kilos/litre

Shelf Life: 2 years in unopened containers

**SURFACE PREPARATION**

Ensure all surfaces are clean, sound, dry and free from oil, grease, grime and other surface contaminants.

Bare Concrete: Ensure dry (less than 5.5 on protimeter screed scale). Surfaces should be cleaned by best available method to remove laitance, oils, etc. and to “open up” substrate (eg. Vacu-blast, disc grind, scabble, acid etch etc, hot compressed air treatment for deep oil removal). Thin first coat with 10% White Spirits as priming coat. Then follow with 1-2 full coats.

**PREVIOUSLY PAINTED SURFACES**

Perform adhesion check. If suspect – remove existing paint. If sound – wash, degrease and abrade. On bare areas only apply first coat thinned with 10% White Spirits.

**LIMITATIONS**

Will only withstand pedestrian and light rubber wheeled vehicular traffic. Not suitable for heavy duty use or in high humidity areas such as shower rooms, swimming pools, etc.

# F112

# EXTRAPLUS SOFT SHEEN

# CHARACTERISTICS

A Soft Sheen Emulsion paint recommended for all interior surfaces. The product is particularly suitable for kitchens, bathrooms and other areas where a heavy duty, washable finish is required.

## COLOUR

Brilliant White and various colours from Colour Answers Tinting Machine.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.192+/-0.01

## WEIGHT SOLIDS

38+/-1%

## VOLUME SOLIDS

27+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt

60m<sup>2</sup>/5lt

30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

**CLEAN UP**

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

**REDUCTION**

Reduce up to 10% with water as required by application equipment.

**SURFACE PREPARATION**

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove wax, rust, grease, oil, flaking material and powdery substances. Lightly sand glossy surfaces. Follow by thoroughly washing with detergent and rinsing with clean water. Check coloured and gold marked wallpaper for colour bleeding through. If this occurs, apply an appropriate sealer. Allow to dry. Areas with uneven porosity may require a coat of Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contamination per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F113

# FLEETWOOD PROFESSIONAL

# ACRYLIC EGGSHELL

## CHARACTERISTICS

A quick drying water based eggshell finish formulated on 100% pure Acrylic binder. Designed especially with the professional painter in mind. Particularly recommended for easy application to properly prepared interior surfaces where a durable, tough, washable, stain resistant finish is required.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.2+/-0.01

## WEIGHT SOLIDS

43+/-2%

## VOLUME SOLIDS

32+/-2%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt

60m<sup>2</sup>/5lt

30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

## REDUCTION

Reduce up to 10% with water as required by application equipment.

SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Concrete Block and Masonry:-** Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating. Fleetwood Acrylic Eggshell is self priming or can be used with Fleetwood Primer Sealer if required.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F118

# ACRYLIC SATINWOOD

## CHARACTERISTICS

A quick drying water based satin finish. Designed especially with the professional painter in mind. Particularly recommended for easy application to properly prepared interior surfaces and exterior masonry and plaster where a durable, tough, washable, stain resistant finish is required.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.2+/-0.01

## WEIGHT SOLIDS

43+/-2%

## VOLUME SOLIDS

32+/-2%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead. APPLICATION

Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt

60m<sup>2</sup>/5lt

30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

## REDUCTION

Reduce up to 10% with water as required by application equipment. SURFACE PREPARATION

Interior Plastered Walls and Wood:- Ensure all surfaces are clean, dry and sound. If powdery or very uneven for porosity, treat with Water Based Stabilising Solution.

Prime with one coat Acrylic Primer thinned 15% with Water. Topcoat with 2 coats of Acrylic Satinwood.

NB. If filling after the Prime Coat use high quality ready mixed filler as some powdered fillers remain powdery over a sealed surface.

Drywall (plaster board):- Fill cracks and nail holes with exterior grade filler/spackle and sand smooth. Remove all sanding dust. Paint as per plaster above.

Concrete Block and Masonry:- Surface temperatures must be at least 13oC before painting. All masonry must be free of moisture, dirt, oil, masonry dust and mortar. Poured, trowled or tilt-up concrete, plaster, mortar etc. should be cured for at least 30 days at 25oC. Form release compounds and curing membranes must be removed by brush blasting.  
Paint as per plaster above.

Iron and Steel:- Minimum preparation is power tool clean per SSPC-SP3. Best results are obtained using commercial blast cleaning per SSPC-SP6.

Prime with DTM Primer Finish followed by 2 coats of Acrylic Satinwood.

Aluminium:- Remove all oil, grease, dirt etc. by solvent cleaning as per SSPC-SP1.  
Paint as per steel above.

Galvanised:- Solvent Clean as per SSPC-SP1 and apply etch primer E61G520.  
Paint as per steel above.

### **PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F138

# FLEETWOOD CEILING PAINT

## CHARACTERISTICS

Ceiling paint is a premium quality, high hiding, easy to apply, drip resistant finish for new and old ceilings. Beautiful non-yellowing ceiling flat white. Low odour. Free from lead hazards - safe for children's rooms. Durable - Economic. One coat. Drip resistant.

## DRYING SCHEDULE

Dry to recoat:- 2-3 hours (under normal ventilated conditions).

## WEIGHT SOLIDS

45.0+/-2%

## VOLUME SOLIDS

30.0+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

Remove splashes from skin using soap and water or a recognised skin cleaner.

Protect from freezing.

APPLICATION  
The product is supplied ready for use.

## SPREADING RATE

5 US gal cover approx. 230m<sup>2</sup> over smooth non-porous surface.

## METHODS

Brush, roller or paint pad - fast dry.

Apply generously. Avoid over-brushing

## CLEAN UP

Clean up with soap and water.

## REDUCTION

Can be reduced with 5% - 10% water if necessary.

SURFACE PREPARATION  
Surfaces to be painted must be dry, sound and free from dirt, grease or powder. Particular care must be given to old ceilings. All flaking ceilings must be thoroughly scraped and sealed before application. Any powdery material present must be completely removed by washing or made sound by application of Stabilising Solution.

# F14

# EXTRA PLUS

# VINYL SILK EMULSION

## CHARACTERISTICS

A Vinyl Silk Emulsion particularly suitable for the professional painter. Excellent washability and toughness make this product ideal for areas where regular cleaning is necessary. Silk finish for all colours plus a Brilliant White.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.192+/-0.01

## WEIGHT SOLIDS

38+/-1%

## VOLUME SOLIDS

27+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt

60m<sup>2</sup>/5lt

30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 10% with water as required by application equipment.

SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease, and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contamination per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# T1

# TRADE HIGH OPACITY VINYL MATT EMULSION

## CHARACTERISTICS

High Opacity Vinyl Matt Emulsion paint has good washability and exterior durability designed for use over all masonry surfaces.

## COLOUR

Brilliant white and pastels.

## DRYING SCHEDULE

(Temperature and humidity dependant  
@ 26oC 50%RH @ 4 Thou  
To Touch - 30 mins  
To Dry - 4 hours

## WEIGHT SOLIDS

56+/-2%

## VOLUME SOLIDS

33+/-1%

## PRECAUTIONS

Keep out of reach of children. Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**  
Temperature (air, surface, material) (at least 1oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120-140m<sup>2</sup>/10lt  
60-70m<sup>2</sup>/5lt  
30-35m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## PERFORMANCE INFORMATION

Extra Cover is formulated for interior use but can also be used outside. With its extra hiding power, it becomes the natural choice of the professional. Although supplied ready for use, the product can be thinned .

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 20% with water as required by application equipment.

## SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

### **PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# T11 TRADE SOFT SHEEN

## CHARACTERISTICS

A Soft Sheen Emulsion paint recommended for all interior surfaces. The product is particularly suitable for kitchens, bathrooms and other areas where a heavy duty, washable finish is required.

## COLOUR

Brilliant White and various colours from Colour Answers Tinting Machine.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.192+/-0.01

## WEIGHT SOLIDS

38+/-1%

## VOLUME SOLIDS

27+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt

60m<sup>2</sup>/5lt

30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 10% with water as required by application equipment.

**SURFACE PREPARATION**  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove wax, rust, grease, oil, flaking material and powdery substances. Lightly sand glossy surfaces. Follow by thoroughly washing with detergent and rinsing with clean water. Check coloured and gold marked wallpaper for colour bleeding through. If this occurs, apply an appropriate sealer. Allow to dry. Areas with uneven porosity may require a coat of Water Based Stabilising Solution.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contamination per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F7 SUPER VINYL MATT EMULSION

## CHARACTERISTICS

This is a high hiding Vinyl Emulsion designed for interior surfaces. Matt finish and washable design for professional painter.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch:- 30 mins

To Dry:- 4 hours

## SPECIFIC GRAVITY

1.28+/-0.01

## WEIGHT SOLIDS

41+/-1%

## VOLUME SOLIDS

25+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead. APPLICATION

Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

15m<sup>2</sup>/lt

37.5m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

**REDUCTION**

Reduce up to 20% with water as required by application equipment.

**SURFACE PREPARATION**

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F81

# FLEETWOOD PREMIUM

# QUALITY ACRYLIC MATT

# TINTING BASES

## CHARACTERISTICS

A smooth interior emulsion paint of superior quality. It is an Acrylic modified system, formulated to provide excellent durability and ease of application.

## COLOUR

Brilliant White and various colours from Colour Answers Tinting Machine.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.27+/-0.15

## WEIGHT SOLIDS

45+/-2%

## VOLUME SOLIDS

30+/-2%

## VEHICLE TYPE

Acrylic Modified Copolymer Emulsion

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

190m<sup>2</sup>/5US gal

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with Fleetwood Tinting System

**PERFORMANCE INFORMATION**

The product is specially designed as an interior/exterior coating for use over block plaster, block concrete and other masonry surfaces where a long lasting decorative finish is required.

**CLEAN UP**

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

**REDUCTION**

Reduce up to 20% with water as required by application equipment. SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.

Galvanised:- The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC-SP1. When weathering is not possible, surfaces must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC-SP2. Prime rust areas with an appropriate anti-corrosive primer.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F88 PVA BONDING AGENT

## CHARACTERISTICS

PVA Bonding Agent is a medium viscosity, polyvinyl alcohol stabilised vinyl acetate homopolymer dispersion, externally plasticised with di-isobutyl phthalate.

It has been designed specifically for use in the building industry as a general purpose adhesive, an additive to concrete and plasters and as a universal bonding aid. PVA Bonding Agent meets the requirements of BS5270 - "Polyvinyl Acetate (PVAC) emulsion bonding agents for internal use with gypsum building plasters". It can also be formulated into ceramic tile adhesives which meet the requirements of BS5980 "Adhesives for use with ceramic tiles and mosaics".

## TOTAL SOLIDS

**44.0+/-1.0**

## VISCOSITY @ 230C

**UK RV8 5/20**

## POISE

**70-90**

## MPA.s

**7000-9000**

## PH

**5-6**

## PRECAUTIONS

PVA Bonding Agent is water based and is non-toxic under normal use conditions.

For further information refer to Material Safety Data Sheet.

### APPLICATION PERFORMANCE INFORMATION

PVA Bonding Agent produces clear films with good blanch resistance in contact with water, it may be used as a universal bonding agent and meets the requirements of BS5270 covering the bonding of gypsum plasters.

PVA Bonding Agent imparts excellent adhesion to cement and concrete; It allows a strong bond to be formed between cement and a variety of substrates and imparts excellent adhesion to concrete, enabling easy repair of concrete surface without the need for mechanical preparation of the surfaces.

PVA Bonding agent provides an effective sealing coat for clean, sound concrete floors, where it imparts good resistance to dusting. As a wood adhesive it forms joints which show a high percentage of wood failure after rupture though it would not be recommended for more critical applications, for example for use in the construction of chairs where a minimal degree of thermoplasticity is required to prevent joint failure under continuous load.

PVA Bonding Agent can also be used as a general purpose "PVA" glue to stick paper and card.

### SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24°C. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12°C before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.

## DIRECTIONS FOR USE

All surfaces to be treated must be clean, dry, sound and free from dust, grease and loose materials.

When used as an adhesive, undiluted Bonding Agent should be applied to one surface (the less porous). The bond must be made while the bond is still tacky.

When used as a Primer before plastering, the product should be thinned (1part to 3 parts water).

When used as a sealer, the product should be thinned (1part to 5 parts water).

When used as a cement admixture, the mixing ratio should include 1 part Bonding Agent to 3 parts water.

Keep from freezing.

# F9 EXTRA PLUS VINYL MATT EMULSION

## CHARACTERISTICS

A Vinyl Matt Emulsion especially formulated for the professional painter. This product provides a combination of excellent coverage, whiteness and application. Its acrylic resin provides excellent interior/exterior performance

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch:- 30 mins

To Dry:- 4 hours

## SPECIFIC GRAVITY

1.41+/-0.01

## WEIGHT SOLIDS

49+/-1%

## VOLUME SOLIDS

29+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

150m<sup>2</sup>/10lt

75m<sup>2</sup>/5lt

37.5m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 20% with water as required by application equipment.

## SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

#### PREVIOUSLY PAINTED SURFACES

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F117 WEATHERGUARD PLIOLITE RESIN BASED MASONRY PAINT

## CHARACTERISTICS

A smooth matt masonry paint of superior quality. Specially formulated to provide maximum resistance to the elements: wind-driven rain, sun, temperature extremes and atmospheric pollution whilst at the same time retaining its decorative appearance.

## MAIN PROPERTIES

Excellent adhesion to properly prepared surfaces  
Alkali resistance  
Breathable film  
Self cleaning  
Resistance to mould growth  
Lasting protection

## COLOUR

Brilliant White

## DRYING SCHEDULE

Rain resistant approx. 20mins  
To touch: 1 - 2 hours  
Overcoat after overnight drying

## SPECIFIC GRAVITY

**1.54+/-0.02**

## WEIGHT SOLIDS

**70+/-2%**

## VOLUME SOLIDS

**42+/-2%**

## VEHICLE TYPE

Synthetic Pliolite Resin

## APPLICATION

Apply liberally and evenly with brush, roller or airless spray.

For spray application thin as necessary with white spirits.

On very porous or absorbent surfaces thin first coat of Weatherguard with up to 15% by volume of White Spirit.

## CONVENTIONAL AIR SPRAYING

Thin with 5-15% White Spirits as required.  
Tip size: 2.0mm  
Tip Pressure: 60psi (0.4MPa) approximately

## AIRLESS SPRAYING

Thin with 0-10% White Spirits as required.  
Tip size: 19 thou (0.48mm) approximately  
Tip Pressure: 2100 psi (15MPa) approximately

## SPREADING RATE

Up to 6.5 square metres per litre on smooth non porous surfaces.

## PERFORMANCE INFORMATION

The product is specially designed as an exterior coating for use over block, concrete and other masonry surfaces where a long lasting decorative finish is required.

## CLEAN UP

Clean equipment immediately after use with white spirits.

## SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease, dust and all loose or flaking paint. Remove mould, algae or other organic growth by treating with proprietary fungicidal solution.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be washed and thoroughly rubbed down with waterproof abrasive paper to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

**PRECAUTIONS**

Flammable

Keep out of reach of children. Ensure good ventilation during application and drying.

When applying to large indoor areas or in confined spaces, wear a suitable cartridge respirator or air-fed respiratory equipment.

When spraying do not breathe spray. Wear suitable respiratory protective equipment.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally. Contains no added lead.

# F16 FLEETWOOD I.S. 129 TRADE EMULSION PAINT

## CHARACTERISTICS

A high quality paint which has been formulated to comply with all clauses of I.S. 129. The product is particularly suitable for interior use but may also be used outside. Available in brilliant white and selected colours.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.3+/-0.01

## WEIGHT SOLIDS

50+/-51%

## FLASH POINT

201F

## VEHICLE TYPE

High performance Vinyl Co-Polymer Emulsion.

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

10-12sq meters/lt on most smooth surfaces.

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## PERFORMANCE INFORMATION

Fleetwood Trade Emulsion is supplied ready for use but can be thinned with up to 5% water. The product fully complies with all clauses of IS129. It exhibits very good hiding power, a high degree of scrub resistance and excellent resistance to colour change, blistering, saponification and fungal attack.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 5% with water as required by application equipment.

## SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Plasterboard:- This product is ideal for application over new plasterboard. However conditions of high humidity, and moisture in the plasterboard can sometimes lead to staining of the coating. Under these circumstances, an appropriate primer should be used.

Plaster:- This product will produce excellent results over new plaster. Good painting practice recommends that the first coat should be well thinned to act as a sealer coat. However, if serious porosity variation is apparent a coat of Stabilising Solution should be applied.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contamination per SSPC-SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

### **PREVIOUSLY PAINTED SURFACES**

If in sound condition. Clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F17 ROOF TILE PAINT

## CHARACTERISTICS

A smooth exterior emulsion paint of superior quality. It is a 100% Acrylic system, formulated to provide excellent exterior properties over concrete roof tiles or other exterior surfaces

## COLOUR

Brilliant White and various colours made to order.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.27+/-0.15

## WEIGHT SOLIDS

45+/-2%

## VOLUME SOLIDS

30+/-2%

## VEHICLE TYPE

100% Acrylic Emulsion

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

5-10m<sup>2</sup> /ltr

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## PERFORMANCE INFORMATION

The product is specially designed as an exterior coating for use over block, concrete roof tiles and other masonry surfaces where a long lasting decorative finish is required.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Should not be necessary.

Can be reduced up to 15% maximum.

SURFACE PREPARATION  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

Galvanised:- The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC-SP1.

When weathering is not possible, surface must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC-SP2. Prime rust areas with appropriate anti-corrosive primer.

### **PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F2 EXTRA COVER MATT EMULSION

## CHARACTERISTICS

Extra Cover is a high opacity vinyl matt emulsion paint with good washability and exterior durability designed for use over all masonry surfaces.

## COLOUR

Brilliant white and pastels.

## DRYING SCHEDULE

(Temperature and humidity dependant  
@ 26oC 50%RH @ 4 Thou  
To Touch - 30 mins  
To Dry - 4 hours

## WEIGHT SOLIDS

56+/-2%

## VOLUME SOLIDS

33+/-1%

## PRECAUTIONS

Keep out of reach of children. Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120-140m<sup>2</sup>/10lt

60-70m<sup>2</sup>/5lt

30-35m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## PERFORMANCE INFORMATION

Extra Cover is formulated for interior use but can also be used outside. With its extra hiding power, it becomes the natural choice of the professional. Although supplied ready for use, the product can be thinned.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 20% with water as required by application equipment.

SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Concrete Block and Masonry:- Surfaces**

should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F3 WEATHERCLAD

## CHARACTERISTICS

A smooth exterior emulsion paint of superior quality, it is formulated to provide excellent exterior durability and resistance to organic growth.

## COLOUR

Brilliant White and various colours from Colour Answers Tinting Machine.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4Thou Wet

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

**1.27+/-0.15**

## WEIGHT SOLIDS

**45+/-2%**

## VOLUME SOLIDS

**30+/-2%**

## PRECAUTIONS

Keep out of reach of children. Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

## APPLICATION

Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75%

Maximum.

## SPREADING RATE

190m<sup>2</sup>/5U.S. gal.

## METHODS

Brush, roller, airless spray

Airless Spray:- Minimum pressure

138 bars (2000lb/sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with Fleetwood Tinting System.

## PERFORMANCE INFORMATION

The product is specially designed as an exterior coating for use over block, concrete and other masonry surfaces where a long lasting decorative finish is required.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

## REDUCTION

Reduce up to 20% with water as required by application equipment

**SURFACE PREPARATION**  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

Galvanised:- The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC-SP1.

When weathering is not possible, surface must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC-SP2. Prime rust areas with appropriate anti-corrosive primer.

### **PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F5

# FLEETWOOD WATER BASED STABILISING PRIMER

## CHARACTERISTICS

Fleetwood low odour Stabilising Primer is a water based penetrative preparation formulated to stabilise chalking, weathered and uneven porosity surfaces. It provides a sound base for decorative finishes both interior and exterior.

Low odour Stabilising Primer is ideal for the preparation of masonry surfaces including rendering, pebbledash, building blocks, concrete and facing blocks, etc. Any previously painted surface that shows signs of chalking will be made sound with this Stabilising Primer. As a low odour product, interior walls and ceilings can be treated safely with this Stabilising Primer to prevent early failure due to powdery plaster or porosity variations.

## DRYING SCHEDULE

Under normal conditions Low Odour Stabilising Primer will dry in 2-4 hours.

## SPECIFIC GRAVITY

1.00+/-0.05

## SOLIDS CONTENT

17+/-1%

## VEHICLE TYPE

Styrene Acrylic

## STORAGE

Above 0oC

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Do not apply over bituminous surface.

Do not apply in temperatures below 8oC or when rain is likely.

A second coat can be applied over very porous or dusty surfaces.

## SPREADING RATE

Normal coverage 2.5litres will stabilise 15m<sup>2</sup> (162sq ft). However, texture and porosity of the surface will cause variations.

## METHODS

Brush, roller or spray.

## CLEAN UP

Clean equipment and splashes with water. Store container away from frost with the lid tightly closed.

## REDUCTION

Do not thin or dilute.

SURFACE PREPARATION  
All surfaces must be clean, dry and free from surface contaminants. Structural faults must be repaired before application. Loose flaking material must be removed with a stiff brush (not wire). Any organic growth must be destroyed with 4:1 water/bleach solution applied with a stiff brush, left to sterilise surface for 2 hours and removed with clean water.

# F58 RIDGEWAY VINYL MATT EMULSION

## CHARACTERISTICS

This is an economical high hiding Vinyl Emulsion designed for interior surfaces. Matt finish for a wide range of pastels plus a brilliant white.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch:- 30 mins

To Dry:- 4 hours

## SPECIFIC GRAVITY

1.4+/-0.01

## WEIGHT SOLIDS

29+/-1%

## VOLUME SOLIDS

48+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

225m<sup>2</sup>/5US gal

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 20% with water as required by application equipment.

**SURFACE PREPARATION**  
Surfaces to be painted must be in sound

condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F6 TRADE 200 MATT EMULSION

## CHARACTERISTICS

Superior quality product with outstanding covering power. It is designed particularly for application over new interior surfaces.

White Matt finish.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch:- 30 mins

To Dry:- 4 hours

## SPECIFIC GRAVITY

1.47+/-0.01

## WEIGHT SOLIDS

52+/-1%

## VOLUME SOLIDS

30+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120-140m<sup>2</sup>/10lt

60-70m<sup>2</sup>/5lt

30-35m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 20% with water as required by application equipment.

SURFACE PREPARATION  
Surfaces to be painted must be in sound

condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Plasterboard:- This product is ideal for application over new plasterboard. However conditions of high humidity, and moisture in the plasterboard can sometimes lead to staining of the coating. Under these circumstances, an appropriate primer should be used.

Plasterboard:- This product is ideal for application over new plasterboard. However conditions of high humidity, and moisture in the plasterboard can sometimes lead to staining of the coating. Under these circumstances, an appropriate primer should be used.

Plaster:- This product will produce excellent results over new plaster. Good painting practice recommends that the first coat should be well thinned to act as a sealer coat. However, if serious porosity variation is apparent a coat of Stabilising Solution should be applied.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contamination per SSPC-SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F122 ACRYLIC PRIMER UNDERCOAT

## CHARACTERISTICS

A Emulsion Primer Sealer especially formulated for the professional painter. This product provides a combination of excellent coverage, good adhesion and easy application. Designed for interior wood and plaster this product allows same day priming and finishing with either water based or white spirit based finishes.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.410+/-0.01

## WEIGHT SOLIDS

49+/-1%

## VOLUME SOLIDS

30+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

150m<sup>2</sup>/10lt

75m<sup>2</sup>/5lt

37.5m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System to pastel shades only.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

## REDUCTION

Reduce up to 20% with water as required by application equipment.

**SURFACE PREPARATION**  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Wood:- Sand to a smooth surface. Treat resinous knots with knotting solution.

Plaster:- Ensure all areas are dry and sound. Treat areas of lime bloom (mapping) with Stabilising Solution.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# T12 TRADE VINYL SILK EMULSION

## CHARACTERISTICS

A Vinyl Silk Emulsion particularly suitable for the professional painter. Excellent washability and toughness make this product ideal for areas where regular cleaning is necessary. Silk finish for all colours plus a Brilliant White.

## DRYING SCHEDULE

(Temperature and humidity dependant)  
@ 26oC 50% RH @ 4 Thou wet.  
To Touch - 30 mins  
To Dry - 4 hours

## SPECIFIC GRAVITY

1.192+/-0.01

## WEIGHT SOLIDS

38+/-1%

## VOLUME SOLIDS

27+/-1%

## PRECAUTIONS

Keep out of reach of children.  
Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt  
60m<sup>2</sup>/5lt  
30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.  
Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).  
Tip Size:- 0.38mm - 0.46mm (15-18 Thou).  
Filter:- 60 mesh.  
Angle:- 65 degrees  
Always flush spray equipment with water prior to applying Water Based coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

## REDUCTION

Reduce up to 10% with water as required by application equipment.  
SURFACE PREPARATION  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease, and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contamination per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating.

### **PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# T13 TRADE MASONRY PAINT

## CHARACTERISTICS

A smooth exterior emulsion paint of superior quality. It is a 100% Acrylic system, formulated to provide excellent exterior properties.

### COLOUR

Brilliant White and various colours from Colour Answers Tinting Machine.

### DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4Thou Wet To Touch - 30 mins To Dry - 4 hours

## SPECIFIC GRAVITY

**1.27+/-0.15**

## WEIGHT SOLIDS

**45+/-2%**

## VOLUME SOLIDS

**30+/-2%**

## VEHICLE TYPE

**100% Acrylic Emulsion**

## PRECAUTIONS

Keep out of reach of children. Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

190m<sup>2</sup>/5U.S. gal.

## METHODS

Brush, roller, airless spray

Airless Spray:- Minimum pressure

138 bars (2000lb/sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with Fleetwood Tinting System.

## PERFORMANCE INFORMATION

The product is specially designed as an exterior coating for use over block, concrete and other masonry surfaces where a long lasting decorative finish is required.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

## REDUCTION

Reduce up to 20% with water as required by application equipment.

**SURFACE PREPARATION**  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

**Steel:-** Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Concrete Block and Masonry- Surfaces**

should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# T3 TRADE PROFESSIONAL ACRYLIC EGGSHELL

## CHARACTERISTICS

A quick drying water based eggshell finish formulated on 100% pure Acrylic binder. Designed especially with the professional painter in mind. Particularly recommended for easy application to properly prepared interior surfaces where a durable, tough, washable, stain resistant finish is required.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.2+/-0.01

## WEIGHT SOLIDS

43+/-2%

## VOLUME SOLIDS

32+/-2%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

120m<sup>2</sup>/10lt

60m<sup>2</sup>/5lt

30m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

## REDUCTION

Reduce up to 10% with water as required by application equipment.

SURFACE PREPARATION  
Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

Concrete Block and Masonry:- Surfaces should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top-coating. Fleetwood Acrylic Eggshell is self priming or can be used with Fleetwood Primer Sealer if required.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# T6 TRADE SUPERVINYL MATT EMULSION

## CHARACTERISTICS

Trade Supervinyl Matt Emulsion has been formulated from premium raw materials to provide a rough finish for walls and ceilings.

## COLOUR

Brilliant White plus various colours on Fleetwood Colour Card.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch:- 30 mins

To Dry:- 4 hours

## SPECIFIC GRAVITY

1.28+/-0.01

## WEIGHT SOLIDS

41+/-1%

## VOLUME SOLIDS

25+/-1%

## VEHICLE TYPE

Vinyl Copolymer Emulsion

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

15m<sup>2</sup>/lt

37.5m<sup>2</sup>/2.5lt

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System.

## PERFORMANCE INFORMATION

The product is specially designed as an exterior coating for use over block, concrete and other masonry surfaces where a long lasting decorative finish is required.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions

**REDUCTION**

Reduce up to 20% with water as required by application equipment. SURFACE PREPARATION

Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material. Treat powdery surfaces with Water Based Stabilising Solution.

Steel:- Remove all loose rust, peeling paint, other loosely adhering contaminations per SSPC SP2. Hand tool cleaning. Remove any contamination before applying subsequent coats of material. Prime base steel with an appropriate anti-corrosive primer.

**Concrete Block and Masonry:- Surfaces**

should be thoroughly clean and dry, with mortar and concrete aired for a minimum of 30 days @ 24oC. All loose mortar or other contaminants should be removed prior to application of any coating material. Surface temperatures must be at least 12oC before filling. Use appropriate filler for cracks or imperfections. Allow to dry thoroughly before top coating.

Galvanised:- The surface should be exterior weathered for 6 months prior to painting, solvent clean per SSPC-SP1. When weathering is not possible, surfaces must be solvent cleaned followed by an appropriate etch prime. Rusty galvanised surfaces must be hand tool cleaned per SSPC-SP2. Prime rust areas with appropriate anti-corrosive primer.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F83

## QUICK DRY ENAMEL

### CHARACTERISTICS

Quick Dry Enamel is a gloss alkyd enamel intended for finishing or refinishing industrial construction and agricultural equipment.

### Advantages:-

- Fast air dry.
- High gloss
- Good exterior durability
- Non-photochemically reactive
- Free of lead and chromate hazard
- Fast recoat time
- Good one coat protection
- Good flexibility and film toughness
- Full range of colours

### DRYING SCHEDULE

Drying:-	Air dry @ 77oF (25oC) RH45%
To Touch:-	20 minutes
To handle:-	40 minutes
To recoat:-	After 1 hour
To pack:-	Overnight
Force dry:-	20' @ 140oF
Flash point:-	50oF Pensky Martin Closed Cup

### GLOSS

Full

### VOLUME SOLIDS

40% Typical

### VISCOSITY

# Ford 4 105-115"

### PACKAGE LIFE

1 Year

### PRECAUTIONS

Contents are FLAMMABLE. Keep away from heat, sparks and open flame during use and until all vapours are gone. Keep area ventilated. USE ONLY WITH ADEQUATE VENTILATION.

Avoid breathing vapour and spray mist.

Avoid contact with hands after using.

Keep container closed when not in use.

#### APPLICATION

#### SPREADING RATE

460sq ft/gal @ 1 mil

no application loss

### Recommended Film Thickness:

Wet:- 3.5-5.0 mils

Dry:- 1.0-1.5 mils

### METHODS

Conventional Spray:- Maximum 10% reduction with R2K4. Mix with agitation.

Airless Spray:- Maximum 10% reducer R2K4.

Dip:- Small parts only. Quick Dry Enamel does not allow for much flow.

### CLEAN UP

#### R2K4SURFACE PREPARATION

Metal:- Apply to properly cleaned or treated metal surface. Treatment may consist of a proprietary surface chemical treatment (Zinc or Iron Phosphate) or a primer or both.

Iron or Steel:- Use one or two coats of enamel or primer with Kem Kromik Metal Primer C42WI12 or catalyzed Epoxy Primer E61RC22 or E61Y11.

Aluminium and Galvanised Iron:- Prime with Industrial Wash Primer P60G2.

**PRODUCT LIMITATIONS**

For improved corrosion resistance or film build such as on sand blasted or rough surfaces, use industrial primer such as Kem Kromik Metal Primer.

Blocking or sticking may occur when flat surfaces are stacked before adequate cure. Allow at least 24 hours drying before stacking.

The Lead Hazard Free Reds, Oranges and yellows contain pigment which may bleed when recoated with coatings containing strong solvents. When recoating these products, users should test for this tendency.

Not recommended for long term durability ie. more than 5 years.

# F89 ANTI CORROSIVE PRIMER

## CHARACTERISTICS

Quick Drying Primer is a fast drying off-white, lead free, rust-inhibitive alkyd metal primer.

## USES

For industrial and commercial application on steel to protect against atmospheric corrosion.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 77oC 50% RH

Tack Free - ? hour

To Recoat - ? hour

## VOC

524gm/ltr 4.4lb/gal

## VOLUME SOLIDS

Off-White 40%+/-2%

## WEIGHT SOLIDS

Off-White 61%+/-2%

## SHELF LIFE

36 months min unopened

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes, rinse immediately with plenty of water

move splashes from skin use soap and water or a recognised skin cleaner.

**FLAMMABLE** - Vapours may cause flash fires.

Do not take internally. APPLICATION

Intimate contact of the steel surface and primer is necessary for good rust inhibition and adhesion. Primer coats should not be left un-topcoated for extended periods. Double coat all corners, edges, welds and crevices.

## RECOMMENDED SPREADING RATE

Wet mils: 6.0-9.0

Dry mils: 2.5-3.5

Approx sq mt/ltr: 4.5-5

Note:- Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

## SPREADING RATE

@ 1.0 mil dry (theo. no loss)

Coverage: Off-White 15sq mt/ltr

## TEMPERATURE

(air, surface, materials): 400-120OF

(at least 5oF above dew point)

Relative humidity: 85% maximum

## METHODS

Brush, roller, and airless spray

## Airless Spray:-

Unit: 1800-3000 psi pressure

Tip: .015-.019

Filter: 60 mesh

**MIXING INSTRUCTIONS**

Mix paint thoroughly by boxing and stirring before use.

**PERFORMANCE INFORMATION**

High build to protect sandblasted steel  
Good corrosion and rust undercutting  
Abrasion resistant

**CLEAN UP**

Use Xylene, following supplier's safety cautions.

**APPLICATION**

Surface must be dry and in sound condition. Remove oil, dust, loose rust, peeling paint or other contamination to ensure good adhesion.

Iron and Steel:- For maximum durability of paint system, prepare the steel for painting in accordance with SSPC-SP6 Commercial Blast Cleaning. Minimum surface preparation should be no less than SSPC-SP2 Hand Tool Cleaning or SSPC-SP3 Power Tool Cleaning.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface.

**AS A "BARRIER" COAT**

If it is necessary to topcoat a previously painted surface with chemically resistant or strong solvent topcoats, Quick Drying Primer can be used as a barrier coat to prevent lifting. Apply a coat of Quick Drying Primer to a small area to test for adhesion or bleeding. If there is evidence of either poor adhesion or bleeding, clean surface to bare substrate and apply recommended system.

# F66 (MC-56, E14)

# HI-BILD CHLORINATED RUBBER **B63 SERIES**

## PRODUCT DESCRIPTION

HI-BILD CHLORINATED RUBBER is a high build, solution chlorinated rubber coating for heavy duty protection in industrial environments. Its fast drying characteristics allow for applying multiple coats the same day.

## USES:

- o Areas of excessive moisture
- o Bleacheries/laundries
- o Chemical plants
- o Interior/exterior
- o Paper mills
- o Plating plants
- o Shower rooms
- o Water immersion @ 77oF

## PHYSICAL PROPERTIES

- o Abrasion resistance.....169mg  
(ASTM D4060, CS17 wheel, 1000 cycles)
- o Direct impact resistance.....52 in. lbs.  
(ASTM D2794)
- o Dry heat resistance.....105oF  
(ASTM D2485)
- o Elcometer adhesion.....500 psi  
(ASTM D4541)
- o Exterior durability.....Very Good  
(with non progressive chalk face  
developing in 6-9 months)
- o Flexibility..... Passes  
(ASTM D522, 180 bend, 1/4" mandrel)
- o Moisture condensation resistance..Very  
Good  
(ASTM D4585, 1000 F, 2100 hours)
- o Pencil hardness (ASTM D3363).....3B
- o Salt fog resistance.....Very Good  
(ASTM B117, 500 hours)
- o Thermal shock .....Excellent  
(ASTM D2246, 5 cycles)

## RESISTANCE GUIDE: (Resistance to fumes, splash and spillage-not immersion ASTM D3912)

- o Acid salt solutions.....Moderate
- o Aliphatic hydrocarbon  
solvents.....Not Recommended
- o Alkalies.....Moderate
- o Alkali salt solutions.....Moderate
- o Aromatic hydrocarbon  
solvents.....Not Recommended
- o Chlorinated solvents.....Not Recommended
- o Fresh water/salt water @ 77oF...Immersion
- o Glycol ethers, alcohols, formaldehyde.....Light
- o Inorganic acids.....Moderate
- o Organic acids.....Severe
- o Oils (cutting, vegetable  
lubricating).....Not Recommended
- o Oxygenated solvents.....Not Recommended

## CHARACTERISTICS

- o Color/Finish: Wide range of colour possible\*  
/ 60 ±10 units @ 60o

\*(Available in Pure White, Midtone, Deeptone and Ultradeep Bases and OSHA Colours).

- o Curing Mechanism: Solvent evaporation

o Drying Schedule: (temp & humidity dependent)  
 @77oF & 50% RH @ 9 mils wet:  
 To Touch: 15 minutes  
 To Recoat: Spray - 1 hour  
 Brush (small areas) - 18hrs  
 To Cure: 7 days

Flash Point: 70oF  
 Pensky-Martens Closed Cup)

Packaging: 1&5 gallon containers

Recommended  
 Spreading Rate: wet mils: 9.0-12.0  
 dry mils: 3.0-4.0  
 approx.sq.ft/gal:132-176

Spreading Rate:  
 Coverage: 529 sq.ft/gal @ 1.0 mil dry  
 (theoretical, no loss)

Shelf Life: 36 months unopened @ 77oF

Shipping  
 Classification: 1's - X002; 5's - X003

o Shipping Weight: (Pure White)  
 1's:(4/case) 44.7 lbs.  
 5's: 54.1lbs.

o VOC: 580 gms/ltr

Volume Solids: 33%+/-2% (Pure White)

Weight Solids: 53%+/-2% (Pure White)

Weight/Gallon: 10.5+/- .1lbs/gal (pure white)

Analysis:	(Pure White)	
Pigment by weight		22%
Titanium Dioxide		20%
Talc		2%
Vehicle by weight		78%
Halogenated Rubber		10%
Acrylic Resin		4%
Chlorinated Paraffin		16%
Aromatic Solvent		33%
Keytones		14%
Additives		1%
Total	100%	100%

## **SURFACE PREPARATION**

Surface must be dry and in sound condition. Remove oil, dust, dirt, mill scale or other contaminants to ensure good adhesion.

Iron and Steel: Min. surface preparation is Power Tool clean per SSPC-SP3. For severe exposure or fresh water immersion, blast steel to Near White Metal per SSPC-SP10, median profile 1.5 mils. Prime the same day as blasted with Hi-Bild Chlorinated Rubber Primer, B63 H1.

Aluminium: Remove all oil, grease, dirt, oxide and other contaminants by Solvent Cleaning per SSPC-SP1. Prime with Industrial Wash Primer, P60G2/R7K44.

Concrete Block: Surfaces should be thoroughly clean and dry. Surface temperatures must be at least 55oF before filling. Use Heavy Duty Block Filler, B42W46 or Kem Cati Coat Epoxy Filler/ Sealer, B42WA8/B42WA9. The filler must be thoroughly dry before topcoating per manufacturers recommendations.

Galvanised Metal: The surface should be exterior weathered for 6 months prior to painting. Solvent clean per SSPC-SP1 and prime with Industrial Wash Primer, P60G2/R7K44. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent clean per SSPC-SP1, and apply a test area using Industrial Wash Primer, P60G2/R7K44 as a primer coat. Allow paint to dry one week before testing adhesion. If adhesion is poor, brush blasting is necessary to remove these treatments.

Masonry: All masonry must be free of moisture, dirt, oil, grease, loose paint, mortar, masonry dust etc. Poured, troweled or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75oF. Form release compounds and curing membranes must be removed by brush blasting. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get a hard, firm surface. Reduce first coat of Hi-Bild Chlorinated Rubber 50%. Follow with 1 full coat unreduced.

**PREVIOUSLY PAINTED SURFACES**

(not for immersion or floors): If in sound condition, clean the surface of all foreign material. Test for compatibility to previous coating. If lifting occurs, apply a barrier coat of Kem Kromik Universal Primer, and follow with Hi-Bild Chlorinated Rubber. If paint is peeling or badly weathered, clean to sound substrate and treat as a new surface.

# HI-BILD CHLORINATED RUBBER B63 SERIES

## RECOMMENDED SYSTEMS

Steel: Chlorinated Rubber Primer

(Immersion or Atmospheric)

1ct Hi-Bild Chlorinated Rubber Primer B63H1  
@ 3 mils DFT.

2 cts Hi-Bild Chlorinated Rubber B63 Series  
@ 3 mils DFT/ct

Total DFT, mils: 9

NOTE: Requires 7-day cure before placing  
into service.

Steel: Universal Primer (Atmospheric)

1ct Kem Kromik Universal Metal Primer

B50Z series @ 3 mils DFT

1 or 2 cts Hi-Bild Chlorinated Rubber B63  
series @ 3 mils DFT/ct

Total DFT, mils: 6-9

Aluminium/Galvanised

1ct Industrial Wash Primer P60G2/R7K44

@ 0.3 mils DFT

NOTE: Film Thickness critical. Recoat within  
4 hrs.

2 cts Hi-Bild Chlorinated Rubber B63 series  
@ 3 mils DFT/ct

Total DFT, mils: 6+

NOTE: Rusty Galvanised requires 1 ct Tile  
Clad II Hi-Bild Primer B62N71/B60V70 or  
Recoatable Epoxy Primer B67H5, B67V5  
@ 4.0 mils DFT

Concrete Block

(Immersion or Atmospheric)

1 ct Kem Cati Coat Epoxy Filler/Sealer

B42WA8/B42WA9 @ 10 mils DFT

2 cts Hi-Bild Chlorinated Rubber B63 Series  
@ 3 mils DFT/ct

Total DFT, mils: 16

Concrete Block (Atmospheric)

1 ct Heavy Duty Block Filler B42W46

@ 10 mils DFT

1 or 2 cts Hi-Bild Chlorinated Rubber B63  
Series @ 3 mils DFT/ct

Total DFT, mils: 13-16

Masonry

1 ct Hi-Bild Chlorinated Rubber B63 Series  
(reduced 50% by volume) @ 1 mil DFT

1 or 2 cts Hi-Bild Chlorinated Rubber B63  
series @ 3 mils DFT/ct

Total DFT, mils: 6

## APPLICATION

To eliminate possible blocking of equipment during use, flush spray equipment and lines with 150 flash aromatic naphtha before use to remove old paint residue which could block filters or cause discoloration. Give special attention to coating corners, edges, crevices and welds to prevent early failure in these areas.

Application Conditions

Temperatures:

air, surface, material: 40-120o F

(at least 5oF above the dew point)

Relative Humidity: 85% maximum

Methods: Conventional and airless spray  
(brush/roller small areas only)

Airless Spray:

Unit: 2000 psi pressure  
Tip: .015"

Filter: 60 mesh

Brush/roller: Small areas and touch-up only.  
Do not "work" material. Apply by flowing over  
previous coat.

Conventional Spray:

Gun: Binks 18 Atomization  
Pressure: 60 psi  
Fluid pressure: 15 psi  
Air cap: 63PB  
Fluid nozzle: 66

Mixing Instructions: Mix paint thoroughly  
by boxing and stirring before use.

Tinting: Tint with Nuodex Chroma Chem  
844PM Colorants only. 100% tint strength.  
Shake on mechanical shaker for 10 minutes  
for complete mixing of color. Lead containing  
colors will darken in alkali environments  
and cannot be used for domestic,  
institutional, educational or recreational facilities.

Reducer: Below 80oF:Xylene (1 pt.gal max)  
Above 80oF:150 flash aromatic naphtha (5-10% max)

Reduction: As above by volume as  
necessary to be compatible with the existing  
application and environmental conditions.

Clean-up: Use 150 flash aromatic naphtha,  
following safety cautions.

## **PRECAUTIONS**

Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks and open flame. During use and until all vapors are gone: Keep area ventilated; do not smoke; extinguish all flames, pilot lights and heaters; turn off stoves, electric tools, appliances and any other sources of ignition.

**VAPOR HARMFUL:** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with water. Get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, get medical attention immediately.

**DELAYED EFFECTS FROM LONG TERM OVER-EXPOSURE:** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**TO NOT TAKE INTERNALLY  
KEEP OUT OF REACH OF CHILDREN  
FOR PROFESSIONAL USE ONLY**

NOTE: Not resistant to most solvents, animal and vegetable oil and fats common in dairies, packing houses and sewage treatment facilities.

Some colours may contain lead. Consult with your Fleetwood Sherwin Williams representative. These colors are not for use on surfaces intended for institutional educational or recreational facilities, or any surface that may be occupied or used by children.

Consult MSDS B63XX and B63XL for full cautions and safety information.

The information, rating and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. Published technical data and instructions are subject to change. Consult with your Fleetwood Sherwin Williams rep for coating recommendation



Recommended Spreading Rate:  
 8 sq mt/lt  
 (theoretical, no loss)  
 125 microns wet  
 50 microns

**Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.**

Shelf Life: 36 months unopened @25oC

Volume Solids: (Pure White) (catalysed)  
 38+/-2% (Gloss)  
 40+/-2% (Semi-Gloss)

Weight Solids: (Pure White) (Catalyzed)  
 47+/-2% (Gloss)  
 50+/-2% (Semi-Gloss)

Specific Gravity: 1.178 – 1.215

“Sweat-In” Time

2 hours @ 18-38oC  
 4 hours @ 13-18oC or when  
 humidity is 60-85%

## **SURFACE PREPARATION**

Interior Plastered Walls and Wood:- Ensure all surfaces are clean, dry and sound. If powdery or very uneven for porosity, treat with Water Based Stabilising Solution.

Prime with Bio-tec Water Based Epoxy Primer thinned 5% with water. Topcoat with 2 coats of Bio-tec Water Based Epoxy Finish at regular film thickness.

NB. If filling after the Prime Coat use high quality ready mixed filler as some powdered fillers remain powdery over a sealed surface.

Drywall (plaster board):- Fill cracks and nail holes with exterior grade filler/spackle and sand smooth. Remove all sanding dust. Paint as per plaster above.

Concrete Block and Masonry:- Surface temperatures must be at least 13oC before painting. All masonry must be free of moisture, dirt, oil, masonry dust and mortar. Poured, troweled or tilt-up concrete, plaster, mortar etc. should be cured for at least 30 days at 25oC. Form release compounds and curing membranes must be removed by brush blasting.  
 Paint as per plaster above.

Iron and Steel:- Minimum preparation is power tool clean per SSPC-SP3. Best results are obtained using commercial blast cleaning per SSPC-SP6.

Prime with one coat Bio-tec Water Based Epoxy Primer unthinned followed by two coats of Bio-tec Water Based Epoxy Finish

Aluminium:- Remove all oil, grease, dirt etc. by solvent cleaning as per SSPC-SP1.  
 Paint as per steel above.

Galvanised:- Solvent Clean as per SSPC-SP1 and apply etch primer E61G520.  
 Paint as per steel above.

Previously Painted Surfaces: If in sound condition, clean the surface of all foreign material. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface. Old epoxy films must be brush blasted or scuff sanded prior to coating. Spot prime bare areas with recommended primer.

**NB: DO NOT USE ON FLOORS.**

# F142

# BIO-TEC

# 2-PACK WATER BASED EPOXY

## RECOMMENDED SYSTEMS

### APPLICATION

Spray equipment should be flushed with warm water before use to prevent blocking of lines. In early stages of drying Bio-tec Water Based Catalyzed Epoxy is sensitive to rain, dew, high humidity, cool evening temperatures and moisture condensation. Painting schedules should be planned to avoid these influences during the initial 16-hour drying period (@21oC & 50% RH) of the epoxy.

### Application Conditions:

Temperature (air, surface, material)  
(at least 3oC above dew point) 13oC to 38oC  
Relative Humidity 85% maximum

### Methods

Brush, roll and airless spray.

### Airless Spray:

unit:	2000psi
tip:	.015"
filter:	100 mesh
hose:	?"

### Roller:

Avoid "back-rolling" and overworking which causes foaming.

### Mixing Instructions:

Thoroughly mix each individual component (A&B). Then combine 4 parts by volume Part A with 1 part by volume Part B. Thoroughly agitate mixture. Allow mixture to "sweat in " for 30 minutes when temperatures are between 18-38oC. At lower temperatures (13-18oC) or when humidity is 60-85%, "sweat-in" time must be 1 hour. Complete mixing and proper induction time is essential for Bio-tec Water Based Catalyzed Epoxy to dry. Do not mix previously catalysed material with new.

### Tinting:

May be tinted with Fleetwood colorants into Part A. Shake on mechanical shaker for 3 minutes prior to adding Part B by stirring only

### Reducer:

Water

### Reduction:

Where necessary to be compatible with the existing application and environmental conditions, up to 1 pint of water per gallon catalyzed material after induction.

### Clean-Up:

Use soap and wear followed by solvent flush for spray equipment to avoid rusting following supplier's safety cautions.

## PRECAUTIONS

CONTAINS CRYSTALLINE SILICA (Semi-Gloss) EPOXY RESIN.

Use only with adequate ventilation. To avoid over-exposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, head-aches or dizziness, increase fresh air or wear respiratory protection (TC23C or equivalent) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided, wear an approved particulate respirator (TC21C or equivalent). Follow respirator manufacturer's directions for respirator use. Do not permit contact with skin and eyes. Wear neoprene gloves and goggles. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID**

In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, get medical attention immediately

**DO NOT TAKE INTERNALLY KEEP OUT OF REACH OF CHILDREN FOR PROFESSIONAL USE ONLY NOTE: PROTECT FROM FREEZING SEE MATERIAL SAFETY DATA SHEET**

# F147

# BIO-TEC

# WATER BASED

# CATALYZED EPOXY PRIMER

## PRODUCT DESCRIPTION

Bio-tec Water Based Catalyzed Epoxy Primer is a two component, adhesion promoting, rust inhibitive primer formulated for high performance protection. It provides high performance corrosion resistance plus the water borne coating advantages of low VOC, no solvent reduction, easy clean-up, low odour and application method flexibility (airless spray, brush and roll).

## USES

For use as a field or shop applied coating as part of a system to be topcoated with Bio-tec Water Borne Epoxy or Water Borne Acrylic Coatings.

- o Steel
- o Aluminium
- o Masonry
- o Storage Tanks
- o Pipe Racks
- o Refineries
- o Galvanized
- o Zinc Rich Coatings
- o Processing Equipment
- o Structural Steel
- o Power Plants
- o Manufacturing Equipment

## PERFORMANCE INFORMATION

Advanced adhesion  
Excellent corrosion resistance  
Impact and abrasion resistant  
Flash rust/early rust resistant  
Application safety; low odour, non-flammable  
Outstanding early moisture resistance

## PHYSICAL PROPERTIES

Abrasion resistance..... 137mg  
(ASTM D4060, CS-17 wheel, 1,000 cycles, 1kg.,  
Taber Abraser)  
Direct impact resistance .....140 in lbs  
(ASTM G14)  
Dry heat resistance.....121oC  
(ASTM D2485)  
Elcometer adhesion.....600psi  
(ASTM D4541)  
Exterior durability.....Excellent  
Flexibility.....Passes  
(ASTM D1737, 180o bend, 2" mandrel)  
Moisture condensation resistance.....Excellent  
(ASTM D2247, 38oC, 750 hours)  
Pencil hardness (ASTM D3363).....2H  
Salt fog resistance.....Excellent  
(ASTM B117, 750 hours)  
Thermal shock (ASTM D2246).....Passes

## RESISTANCE GUIDE: (Resistance to fumes, splash and spillage-not immersion ASTM D3912)

Acid salt solutions.....MODERATE  
Aliphatic hydrocarbon solvents.....SEVERE  
Alkalies.....MODERATE  
Alkali salt solutions.....MODERATE  
Aromatic hydrocarbon solvents.....LIGHT  
Chlorinated Solvents.....NOT RECOMMENDED  
Fresh water & salt water.....SEVERE  
Glycol ethers, alcohols,  
Formaldehyde.....MODERATE  
Inorganic acids.....MODERATE

Oils(cutting vegetable lubricating).....SEVERE  
 Organic acids.....MODERATE  
 Oxygenated solvents.....LIGHTCHARACTERISTICS  
 Color/Finish: Off-White/  
 Matt

Curing Mechanism: Crosslink polymerisation  
 Drying Schedule: (temp & humidity dependent)

Drying Schedule: (temp & humidity dependent)  
 50% RH @ 8 mils wet:

	@13oC	@25oC	@49oC
To Touch:	1.5 hrs	30 mins	20 mins
Tack Free:	3 hrs	60 mins	45 mins
To Recoat:	24hrs	24 hrs	24 hrs
To Cure:	30 days	10 days	7 days
Flash Point:	>95o C (Pensky Martens Closed Cup)		

**Number of Components:**

2(4:1 mix by volume, A to B)

Packaging: 1ltr and a 5ltr

Pot Life: @ 13oC.....36 hours  
 @ 25oC.....24 hours  
 @ 49oC.....12 hours

Maximum DFT/coat: 125 microns (Airless Spray)

Recommended Spreading Rate:

8 sq mt/ltr  
 (theoretical, no loss)

125 microns wet

50 microns dry

Shelf Life: 36 months minimum @ 25oC

Volume Solids:(catalyzed).....40%+/-2%

Weight Solids:(catalyzed).....51%+/-2%

SG:(catalysed).....1.238+/-0.02bs/gal

“Sweat-In” Time:

@25-50oC.....2 hours  
 @15oC.....4hours

**SURFACE PREPARATION**

Interior Plastered Walls and Wood:- Ensure all surfaces are clean, dry and sound. If powdery or very uneven for porosity, treat with Water Based Stabilising Solution.

Prime with Bio-tec Water Based Epoxy Primer thinned 5% with water. Topcoat with 2 coats of Bio-tec Water Based Epoxy Finish.

NB. We recommend filling is carried out prior to priming. If filling after the Prime Coat use high quality ready mixed filler as some powdered fillers remain powdery over a sealed surface.

Drywall (plaster board):- Fill cracks and nail holes with exterior grade filler/spackle and sand smooth. Remove all sanding dust. Paint as per plaster above.

Concrete Block and Masonry:- Surface temperatures must be at least 13oC before painting. All masonry must be free of moisture, dirt, oil, masonry dust and mortar. Poured, troweled or tilt-up concrete, plaster, mortar etc. should be cured for at least 30 days at 25oC. Form release compounds and curing membranes must be removed by brush blasting. Paint as per plaster above.

Iron and Steel:- Minimum preparation is power tool clean per SSPC-SP3. Best results are obtained using commercial blast cleaning per SSPC-SP6.

Prime with one coat Bio-tec Water Based Epoxy Primer unthinned followed by two coats of Bio-tec Water Based Epoxy Finish

Aluminium:- Remove all oil, grease, dirt etc. by solvent cleaning as per SSPC-SP1.  
Paint as per steel above.

Galvanised:- Solvent Clean as per SSPC-SP1 and apply etch primer E61G520.  
Paint as per steel above. Previously Painted Surfaces: If in sound condition, clean the surface of all foreign material.

Smooth, hard or glossy coatings/surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling, or badly weathered, clean surface to sound substrate and treat as a new surface as above.

**Note: Do not use on floors.**

# F145

# BIO-TEC ACRYLIC COATING

## PRODUCT DESCRIPTION

A water-based quick-drying self-sterilizing Satin finish containing a special cocktail of bacteriacides, fungicides, algicides that are proactive in providing a sanitary coating for all general purpose areas.

## CHARACTERISTICS

COLOUR/FINISH:-

Brilliant White and various colours to order.  
Satin Finish.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 1-2 hours

To Dry - 4 hours

## SPECIFIC GRAVITY

1.25+/-0.15

## WEIGHT SOLIDS

50+/-2%

## VOLUME SOLIDS

35+/-2%

## VEHICLE TYPE

100% Acrylic Emulsion

## USES

Low odour/no shutdown sanitary coating system

- o Clean Rooms
- o Hospitals
- o Institutional Kitchens
- o Food plants
- o Laboratories
- o Processing Equipment
- o Pharmaceutical houses
- o Exterior storage tanks
- o Manufactured equip
- o Structural steel
- o Masonry construction
- o Schools

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead. APPLICATION

Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

10-12m<sup>2</sup>/ltr

on smooth non porous surface.

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Bio-tec Water Based Coatings.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

**PERFORMANCE INFORMATION**

Meets performance requirements of ASTM D3730.

Corrosion and chemical resistant.

Impact and abrasion resistant

Pro-active killing effect on many bacteria and fungi including:-

**BACTERIA**

Staphylococcus aureus, Enterococcus faecalis, Escherichia coli, Salmonella Typhimurium, Shigella boydii, Pseudomonas aeruginosa, Corynebacterium pseudodiphtheriae, Bacillus subtilis.

**FUNGI**

Candida albicans

Penicillium chryseogenum

Aspergillus niger

**CLEAN UP**

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

**REDUCTION**

Reduce up to 10% with water as required by application equipment. SURFACE PREPARATION

Interior Plastered Walls and Wood:- Ensure all surfaces are clean, dry and sound. If powdery or very uneven for porosity, treat with Water Based Stabilising Solution.

Prime with one coat Bio-tec Acrylic Primer thinned 15% with Water. Topcoat with 2 coats of Bio-tec Acrylic Coating.

NB. If filling after the Prime Coat use high quality ready mixed filler as some powdered fillers remain powdery over a sealed surface.

Drywall (plaster board):- Fill cracks and nail holes with exterior grade filler/spackle and sand smooth. Remove all sanding dust. Paint as per plaster above.

Concrete Block and Masonry:- Surface temperatures must be at least 13oC before painting. All masonry must be free of moisture, dirt, oil, masonry dust and mortar. Poured, trowled or tilt-up concrete, plaster, mortar etc. should be cured for at least 30 days at 25oC. Form release compounds and curing membranes must be removed by brush blasting. Paint as per plaster above.

Iron and Steel:- Minimum preparation is power tool clean per SSPC-SP3. Best results are obtained using commercial blast cleaning per SSPC-SP6.

Prime with DTM Primer Finish followed by 2 coats of Bio-tec Acrylic Coating.

Aluminium:- Remove all oil, grease, dirt etc. by solvent cleaning as per SSPC-SP1. Paint as per steel above.

Galvanised:- Solvent Clean as per SSPC-SP1 and apply etch primer E61G520. Paint as per steel above.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F146

# BIO-TEC

# PRIMER UNDERCOAT

## CHARACTERISTICS

A Primer Sealer especially formulated for the professional painter. This product provides a combination of excellent coverage, good adhesion and easy application. Designed for interior wood and plaster this product allows same day priming and finishing with Bio-tec Finish Coats.

## DRYING SCHEDULE

(Temperature and humidity dependant)

@ 26oC 50% RH @ 4 Thou wet.

To Touch - 30 mins

To Dry - 4 hours

## SPECIFIC GRAVITY

1.410+/-0.01

## WEIGHT SOLIDS

49+/-1%

## VOLUME SOLIDS

30+/-1%

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Temperature (air, surface, material) (at least 4oC above dew point) 10oC to 42oC. Relative Humidity 75% Maximum.

## SPREADING RATE

10-12m<sup>2</sup>/ltr

on smooth non-porous surfaces.

## METHODS

Brush, roller, airless spray.

Airless Spray:- Minimum pressure 138 bars (2000lb.sq in).

Tip Size:- 0.38mm - 0.46mm (15-18 Thou).

Filter:- 60 mesh.

Angle:- 65 degrees

Always flush spray equipment with water prior to applying Bio-tec Water Based Coatings and with White Spirits afterwards to avoid rust.

## MIXING INSTRUCTIONS

Thoroughly mix paint before use by stirring and boxing.

## TINTING INSTRUCTIONS

Tint only with the Fleetwood Tinting System to pastel shades only.

## CLEAN UP

Clean up with soap and water. After clean up be sure to flush spray equipment with solvent to prevent rusting following manufacturers instructions.

**REDUCTION**

Reduce up to 20% with water as required by application equipment or substrate. SURFACE PREPARATION

This Primer is for interior application only.

Interior Plastered Walls and Wood:- Ensure all surfaces are clean, dry and sound. If powdery or very uneven for porosity, treat with Water Based Stabilising Solution.

Prime with one coat Bio-tec Acrylic Primer thinned 15% with Water. Topcoat with 2 coats of Bio-tec Acrylic Coating.

**NB. If filling after the Prime Coat use high quality ready mixed filler as some powdered fillers remain powdery over a sealed surface.**

Drywall (plaster board):- Fill cracks and nail holes with exterior grade filler/spackle and sand smooth. Remove all sanding dust. Paint as per plaster above.

Concrete Block and Masonry:- Surface temperatures must be at least 13oC before painting. All masonry must be free of moisture, dirt, oil, masonry dust and mortar. Poured, troweled or tilt-up concrete, plaster, mortar etc. should be cured for at least 30 days at 25oC. Form release compounds and curing membranes must be removed by brush blasting. Paint as per plaster above.

Iron and Steel:- Minimum preparation is power tool clean per SSPC-SP3. Best results are obtained using commercial blast cleaning per SSPC-SP6.

Prime with DTM Primer Finish followed by 2 coats of Bio-tec Acrylic Coating.

Aluminium:- Remove all oil, grease, dirt etc. by solvent cleaning as per SSPC-SP1. Paint as per steel above.

Galvanised:- Solvent Clean as per SSPC-SP1 and apply etch primer E61G520. Paint as per steel above.

**PREVIOUSLY PAINTED SURFACES**

If in sound condition, clean the surface of all foreign material. Glossy surfaces must be rubbed down to provide a key. If paint is peeling or badly weathered, clean to sound substrate and treat as new.

# F104

# POLYURETHANE

# SATIN VARNISH

## CHARACTERISTICS

A superior quality Varnish based on a specially selected blend of resins to provide a durable tough finish for interior use only.

## COLOURS:

**Clear**

## COVERAGE:

First coat on bare wood: 12sq meters/lt  
Second coat on wood: 18sq meters/lt  
Third coat on wood: 22sq meters/lt

## DRYING TIME:

200C, 50% RH

Touch: 3 hours  
Hard Dry: 7 hours  
Recoat: Overnight

FLASH POINT: 1020 F

FINISH: Satin 40-50units @ 600

## SOLVENT/REDUCER

Mineral Spirits

Vehicle Type: Alkyd

WEIGHT SOLIDS: 50+/-2%

SPECIFIC GRAVITY: 0.92

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

APPLICATION  
Stir gently before use.

## BRUSH

No reduction necessary. Use a natural bristle brush. Avoid over-brushing which causes bubbling.

## ROLLER

No reduction necessary. Use a 1/4" nap synthetic or lambswool roller cover. Remove any loose nap or lint by washing or wiping with a tack cloth prior to use. Avoid rapid rolling which causes bubbling.

## PAD APPLICATOR

No reduction necessary.

## SPRAY - AIRLESS

Pressure.....2000 psi  
Tip......013"  
Reduction.....none

## SPRAY - CONVENTIONAL

Air Pressure.....50 psi  
Fluid Pressure.....10 psi  
Cap/Tip.....704/FF  
Reduction.....up to 10%

**CLEAN UP INFORMATION**

Clean spills and spatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using mineral spirits. **SURFACE PREPARATION**  
Wood must be dry, free of dirt, grease, wax, polish, marks and old finishes in poor condition. Sand wood to a smooth surface and remove sanding dust with a vacuum or tack cloth.

**FINISHING:****OVER BARE WOOD:**

1. (Optional) Apply stain and allow to dry.
2. Fill open grain wood or holes with proprietary natural wood filler.
3. Seal bare wood with one coat of Polyurethane Satin reduced with one pint of mineral spirits per gallon. Allow to dry 18 hours and sand smooth. Remove sanding dust.

**OVER PREVIOUSLY SEALED FINISHES IN GOOD CONDITION**

4. Apply at full body to assure maximum film build and uniform sealing. Brush out evenly, avoid unnecessary brushing into already coated areas.
5. For heavy wear areas, allow the first coat to dry 18 hours, sand smooth, remove any sanding dust, and apply a second coat.

# F102

# POLYURETHANE

# GLOSS VARNISH

## CHARACTERISTICS

A superior quality Varnish based on a specially selected blend of resins to provide a durable tough finish.

**COLORS:** Clear

### COVERAGE:

First coat on bare wood: 12sq meters/lt

Second coat on wood: 18sq meters/lt

Third coat on wood: 22sq meters/lt

### DRYING TIME:

200C, 50% RH

Touch: 3 hours

Hard Dry: 7 hours

Recoat: Overnight

FLASH POINT: 1020 F

FINISH: Gloss 96 units @ 600

SOLVENT/REDUCER: Mineral Spirits

Vehicle Type: Alkyd

WEIGHT SOLIDS: 50+/-2%

SPECIFIC GRAVITY: 0.92

## PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

**APPLICATION**

Stir gently before use.

## BRUSH

No reduction necessary. Use a natural bristle brush. Avoid over-brushing which causes bubbling.

## ROLLER

No reduction necessary. Use a 1/4" nap synthetic or lambswool roller cover. Remove any loose nap or lint by washing or wiping with a tack cloth prior to use. Avoid rapid rolling which causes bubbling.

## PAD APPLICATOR

No reduction necessary.

## SPRAY - AIRLESS

Pressure.....2000 psi

Tip......013"

Reduction.....none

## SPRAY - CONVENTIONAL

Air Pressure.....50 psi

Fluid Pressure.....10 psi

Cap/Tip.....704/FF

Reduction.....up to 10%

**CLEAN UP INFORMATION**

Clean spills and splatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using mineral spirits. **SURFACE PREPARATION**  
Wood must be dry, free of dirt, grease, wax, polish, marks and old finishes in poor condition. Sand wood to a smooth surface and remove sanding dust with a vacuum or tack cloth.

**FINISHING:****OVER BARE WOOD:**

1. (Optional) Apply stain and allow to dry.
2. Fill open grain wood or holes with proprietary natural wood filler.
3. Seal bare wood with one coat of Polyurethane Gloss reduced with one pint of mineral spirits per gallon. Allow to dry 18 hours and sand smooth. Remove sanding dust.

**OVER PREVIOUSLY SEALED FINISHES IN GOOD CONDITION**

4. Apply at full body to assure maximum film build and uniform sealing. Brush out evenly, avoid unnecessary brushing into already coated areas.
5. For heavy wear areas, allow the first coat to dry 18 hours, sand smooth, remove any sanding dust, and apply a second coat.

# F151

## STAINS & VARNISH

### ALL-IN-ONE

#### CHARACTERISTICS

An interior/exterior finish that combines a high quality varnish with a stain to both beautify and protect wood from harmful UV radiation.

**COLORS:** Clear

#### COVERAGE:

First coat on bare wood: 12sq meters/lt  
Second coat on wood: 18sq meters/lt  
Third coat on wood: 22sq meters/lt

#### DRYING TIME:

200C, 50% RH  
Touch: 3 hours  
Hard Dry: 7 hours  
Recoat: Overnight

FLASH POINT: 1020 F

FINISH: Gloss 96 units @ 600

SOLVENT/REDUCER: Mineral Spirits

Vehicle Type: Alkyd

WEIGHT SOLIDS: 50+/-2%

SPECIFIC GRAVITY: 0.92

#### PRECAUTIONS

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead.

Stir gently before use.

#### BRUSH

No reduction necessary. Use a natural bristle brush. Avoid over-brushing which causes bubbling.

#### ROLLER

No reduction necessary. Use a 1/4" nap synthetic or lambswool roller cover. Remove any loose nap or lint by washing or wiping with a tack cloth prior to use. Avoid rapid rolling which causes bubbling.

#### PAD APPLICATOR

No reduction necessary.

#### SPRAY - AIRLESS

Pressure.....2000 psi  
Tip......013"  
Reduction.....none

#### SPRAY - CONVENTIONAL

Air Pressure.....50 psi  
Fluid Pressure.....10 psi  
Cap/Tip.....704/FF  
Reduction.....up to 10%

**CLEAN UP INFORMATION**

Clean spills and spatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using mineral spirits. SURFACE PREPARATION  
Wood must be dry, free of dirt, grease, wax, polish, marks and old finishes in poor condition. Sand wood to a smooth surface and remove sanding dust with a vacuum or tack cloth.

**FINISHING:****OVER BARE WOOD:**

1. Apply one coat of Stain & Varnish thinning 15-20% with White Spirits. Allow overnight drying.
2. Fill open grain wood or holes with proprietary natural wood filler.
3. Apply one or two more coats without thinning allowing overnight drying between coats and using fine carborundum paper to remove and mbs.

**OVER PREVIOUSLY SEALED FINISHES IN GOOD CONDITION**

4. Apply at full body to assure maximum film build and uniform sealing. Brush out evenly, avoid unnecessary brushing into already coated areas.
5. For heavy wear areas, allow the first coat to dry 18 hours, sand smooth, remove any sanding dust, and apply a second coat.

# F108

# FLEETWOOD DIAMOND SEAL

## CHARACTERISTICS

Fleetwood Diamond Seal is based on an aromatic urethane acrylic copolymer dispersion with excellent chemical and abrasion resistance.

## USE

Typically recommended as a maximum durability interior wood lacquer. Ideal for use on wood surfaces subject to high wear.

Also suitable as a sealer or dust proofing coat for concrete

## FILM PREPARATION

Tough (hard & flexible) & clear  
Highly water and alcohol resistant  
Low level of thermoplasticity  
Chemical and abrasion resistant  
Good wood wetting

PACKAGE SIZE: 2.5ltr & 5ltr

RANGE: Clear Gloss & Satin Finish.

SOLIDS: 32% Weight

PH: (25 C) : 8.0 - 8.5

## DRYING TIME

Drying time will depend on temperature and humidity ie drying times will be significantly longer in cold, humid conditions.

SINGLE COAT: (standard thickness):  
Touch Dry - 2 hours (faster on absorbent surface)

RECOAT: 2-4 hours

## PRACTICAL COVERAGE

Application will depend on types and condition of substrate. Following figures would typically be expected:-

Bare wood: 12-18 M<sup>2</sup>/Lt

Previously Painted wood: 18-23 M<sup>2</sup>/hr

## APPLICATION

Stir thoroughly before use avoiding any tendency to introduce foaming. It is advised to apply a small test area before coating entire surface to ensure compatibility with substrate and previous existing coatings. Apply by brush or gloss roller evenly and liberally in the direction of the grain. To avoid overlapping problems it is important to maintain a wet edge, so work quickly.

A minimum of 2 hours should be allowed before overcoating. Lightly sand along the grain between coats with a fine grade abrasive paper and remove dust. Coated surfaces must be protected from spillages and hard stress including abrasion and polishing for a minimum of 5 days. Very light foot traffic after 24 hours but rugs and carpets should not be placed over the coated floor for at least 7 days.

Do not apply when temperature is below 10oC or in conditions of high humidity or condensation.

## CLEANING:

Clean equipment immediately after use with water and detergent.

### SURFACE PREPARATION

General: Remove all traces of grease, wax and polish by washing with white spirits or sugar soap. All residues must be rinsed clean and the surface allowed to dry completely.

New or Bare Wood: Ensure all nails are punched below the surface and covered with an appropriate stopper. The surface should be thoroughly sanded in the direction of the grain to remove any imperfections and the dust removed.

Coated Surfaces: Surfaces in poor condition must be completely stripped and treated as new wood. Special precautions should be taken during surface preparation as old paints may contain lead or other substances harmful to health. If in doubt always seek professional advice. Sound surfaces should be sanded back to provide a key and the dust removed. To achieve the best results it may be advisable to hire an industrial drum sander and edge sander taking care to wear suitable safety equipment. Remove all dust before applying the coatings.

**PRECAUTIONS**

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead or any other hazardous heavy metals.

# F98 YACHT VARNISH

## CHARACTERISTICS

**A superior quality Yacht Varnish based on a specially selected blend of oils to provide long term flexibility and durability in unfavourable weather conditions.**

### **COLORS:**

**Clear**

### **COVERAGE:**

First coat on bare wood: 12sq meters/lt  
Second coat on wood: 18sq meters/lt  
Third coat on wood: 22sq meters/lt

DRYING TIME: 200C, 50% RH  
Touch: 3 hours  
Hard Dry: 7 hours  
Recoat: Overnight

FLASH POINT: 1020 F

FINISH: Gloss 96 units @ 600

SOLVENT/REDUCER: Mineral Spirits

Vehicle Type: Alkyd

WEIGHT SOLIDS: 53+/-2%

SPECIFIC GRAVITY: 0.92

### **PRECAUTIONS**

Keep out of reach of children.

Ensure good ventilation during application and drying.

In case of contact with eyes rinse immediately with plenty of water.

To remove splashes from skin use soap and water or a recognised skin cleaner. Do not take internally.

Contains no added lead. APPLICATION

Stir gently before use.

### **BRUSH**

No reduction necessary. Use a natural bristle brush. Avoid over-brushing which causes bubbling.

### **ROLLER**

No reduction necessary. Use a 1/4" nap synthetic or lambswool roller cover. Remove any loose nap or lint by washing or wiping with a tack cloth prior to use. Avoid rapid rolling which causes bubbling.

### **PAD APPLICATOR**

No reduction necessary.

#### **SPRAY - AIRLESS**

Pressure.....2000 psi

Tip......013"

Reduction.....none

#### **SPRAY - CONVENTIONAL**

Air Pressure.....50 psi

Fluid Pressure.....10 psi

Cap/Tip.....704/FF

Reduction.....up to 10%

### **CLEAN UP INFORMATION**

Clean spills and spatters immediately with mineral spirits. Clean tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using mineral spirits. SURFACE PREPARATION  
Wood must be dry, free of dirt, grease, wax, polish, marks and old finishes in poor condition. Sand wood to a smooth surface and remove sanding dust with a vacuum or tack cloth.

**FINISHING:****OVER BARE WOOD:**

1. (Optional) Apply stain and allow to dry.
2. Fill open grain wood or holes with proprietary natural wood filler.
3. Seal bare wood with one coat of Yacht Varnish reduced with one pint of mineral spirits per gallon. Allow to dry 18 hours and sand smooth. Remove sanding dust.

**OVER PREVIOUSLY SEALED FINISHES IN GOOD CONDITION**

4. Apply at full body to assure maximum film build and uniform sealing. Brush out evenly, avoid unnecessary brushing into already coated areas.
5. For heavy wear areas, allow the first coat to dry 18 hours, sand smooth, remove any sanding dust, and apply a second coat.