

## Air+Eco Spec® Undercoat

Featuring the latest technology in coatings, Air+Eco Spec® Undercoat offers the application and performance qualities usually associated with traditional oil paints in a quick drying, environmentally sustainable low VOC formula.



### PRODUCT DESCRIPTION

Fleetwood Air+Eco Spec® High Opacity Undercoat is a high quality interior / exterior coating with excellent drying and designed for stain blocking. Specially formulated to give all the application and appearance characteristics of a traditional undercoat, with the added advantage of being quick drying and of low odour during application. Independently tested for emissions, including formaldehyde, TVOC, TSVOC and Cat 1A & 1B carcinogens. Compliant with the emissions criteria in BREEAM New Construction 2018. (UK and International), BREEAM & LEED. This product is ideal for interior projects.

### USES

- All interior wood, metal, PVC, furniture
- Excellent for interior and exterior doors
- Kitchen cabinets
- Ideal for large scale commercial and residential projects

### CHARACTERISTICS / ADVANTAGES

- Applies and finishes like a traditional solvent borne paint.
- Quick drying
- Low odour and VOC
- Less prone to yellowing
- Complies with Toy Safety Directive (TSD) 2009/48/EC - EN 71-3: 2019
- BREEAM NC 2018, LEED v4.1 - Compliant
- EPD according to ISO 14025 and EN 15804
- Easy application by brush, roller or spray
- Excellent coverage and opacity
- Low-sheen finish
- Provides excellent flow, leveling and sag resistance

### APPROVALS / STANDARDS

#### VOC Content

- 2004/42/EC EU limit value for this product (cat.A/d WB): 130g/l (2010) This product contains max.13g/l VOC.

#### LEED

- The requirements of LEED v4 and LEED v4.1 BETA (February 2021): EU Decopaint Directive 2004/42/CE for interior matt walls and ceilings having a VOC content below 30 g/L.
- AgBB (28 Days Emissions)

#### BREEAM

- Is a sustainability assessment method for buildings, master planning, and infrastructure. It's a widely recognised and used system for evaluating and certifying the sustainability performance of buildings throughout their lifecycle.
- Tested in accordance with EN 16516 ISO 16000-3, ISO 16000-6, ISO 16000-9, & ISO 11890-2 standards.

#### EPD

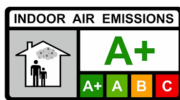
- Independent verification of the declaration and data according to EN ISO 14025:2010

#### Quality Control

- Manufactured under the auspices of ISO 9001:2015 quality & ISO 14001:2015 environmental management systems.

#### Indoor Air Quality

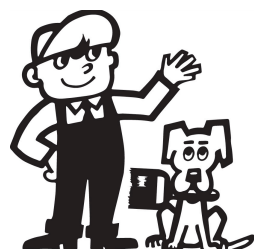
- This product has been tested under the regulations outlined in French Indoor Air Quality Decree No 2011-321 – Arrêté April 2011 and was awarded an A+. Further it has attained Indoor Air Comfort® an umbrella certification combining the most relevant emission specifications and requirements in one certification to give our customers the highest confidence in the safety of our product.



### Need help? Speak to the experts

Our dedicated team are here to help. If you have any queries on this product, or any product in the Fleetwood range, queries about preparation or application, or can't find your required colour, call us today

Technical Assistance: Email: [technical@fleetwood.ie](mailto:technical@fleetwood.ie) Tel: +353 49 854 7209 (weekdays 9am-5pm)  
Colour Advice: Tel: +353 49 854 7209 (weekdays 9am-5pm Saturdays 8am - 4.30pm)



# Colour

Colours Brilliant White & Tinted To Pastel Colours

Colour Collections Fleetwood Colour Perfect, NCS, Sherwin Williams, Pantone, BS British Standard, & RAL



SHERWIN  
WILLIAMS

PANTONE®



## Specification

|                                                             |                                                                                                                                                                                                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Composition                                                 | Water-based acrylic.                                                                                                                                                                                          |
| Number of Components                                        | 1                                                                                                                                                                                                             |
| Recommended number of coats                                 | 2 coats are recommended. Coverage may vary depending on the profile, porosity of the substrate and application method.                                                                                        |
| Usage Interior/Exterior                                     | Interior / Exterior                                                                                                                                                                                           |
| Application Tools                                           | Brush, roller or spray.                                                                                                                                                                                       |
| Coverage                                                    | Approx. 16m²/per litre, per coat.                                                                                                                                                                             |
| Curing Time                                                 | Touch dry in 30 minutes. Recoat 2 - 4 hours. Fully cured after 7 to 10 days.                                                                                                                                  |
| Suitable For                                                | New or previously painted interior / exterior woodwork, bedroom or kitchen cabinets. Exterior PVC or metal fittings.                                                                                          |
| Min. application temperature                                | Temperature (air, surface, material) (at least 4°C above dew point) 10°C to 42°C. Relative Humidity 75% maximum.                                                                                              |
| Shelf Life                                                  | 3 years in unopened container.                                                                                                                                                                                |
| Storage                                                     | Do not allow to freeze.                                                                                                                                                                                       |
| Cleaning Tools                                              | Wash application tools in warm, soapy water immediately after use. .                                                                                                                                          |
| Principle Limitations                                       | Not intended for application to floors or any surface subject to water immersion or prolonged contact with water including shower enclosures, saunas, steam rooms. Not recommended for use in HVAC duct work. |
| Please contact us regarding applications not described here |                                                                                                                                                                                                               |

## Product Information

|                                |                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Pack Sizes:                    | 5L                                                                                                                                       |
| Colour Range:                  | Brilliant White                                                                                                                          |
| LRV Range:                     | 90                                                                                                                                       |
| VOC Content:                   | Contains max VOC: 13g/l<br>Conforms to EU 2010 Directive (Cat A/d) 130g/l                                                                |
| Composition:                   | Pigment: Lightfast Pigments<br>Binder: Hybrid of acrylic and alkyd emulsions<br>Solvent: Water                                           |
| Solids:                        | Volume Solids: 36% (+/- 2%)<br>Weight Solids: 53% (+/- 2%)<br>Specific Gravity: 1.35 g/ml (+/- 0.15)<br>Gloss: < 6.0 at 85°<br>pH: > 8.2 |
| Technical Data Sheet           |                                                                                                                                          |
| Air + Eco Spec Undercoat - T13 |                                                                                                                                          |

## Product Information Cont.

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------|
| Surface Preparation:         | Surfaces to be painted must be in sound condition. Use in accordance with good painting practice. Remove oil, grease and flaking material Prime bare wood surfaces with Fleetwood Advanced Primer Undercoat prime all other bare surfaces with an appropriate primer. Rub down previously painted surfaces with fine abrasive paper and rinse thoroughly. Avoid dust inhalation. Wear a suitable face mask if dry sanding. Special precautions should be taken during surface preparation or pre-1960s paint surfaces over wood and metal as they may contain harmful lead. |             |                                                                                                             |
| Application:                 | Brush, roller, spray & airless spray.<br>As with other water-based paints, do not apply in temperatures below 5°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                                                                                             |
| Spreading Rate:              | As a guide, a coverage rate of up to 16m²/per litre, per coat. can be achieved under normal conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                                                                                             |
| Reduction:                   | Reduce by up to 20% as required by application and or equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                             |
| Spray Recommendations:       | Conventional Spray: Satisfactory through most equipment. Airless Spray: A typical recommendation for airless spray application is a minimum working pressure on paint of 140 kg/cm² (2000 lb/in²) with a spray tip size of 0.38mm to 0.46mm (15 - 18thou) spray tip angle 65°. Filter mesh 60.                                                                                                                                                                                                                                                                              |             |                                                                                                             |
| Drying Time:                 | Touch Dry:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30 minutes  | This is dependent upon temperature and humidity. Darker colours may take longer 26C to 50% RH @ 0.11mm wet. |
|                              | Recoat:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 – 4 hours |                                                                                                             |
| Cleaning Up:                 | Clean up with soap and water. After cleaning up be sure to flush spray equipment with solvent to prevent rusting following manufacturer’s instructions. Dispose of can in accordance with local authority guidelines.                                                                                                                                                                                                                                                                                                                                                       |             |                                                                                                             |
| Tinting Instructions:        | Tint only with Fleetwood Tinting systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |                                                                                                             |
| Previously Painted Surfaces: | All surfaces to be painted should be clean, dry and free from loose and flaking material. Glossy surfaces must be rubbed down to provide a key. Stir well before use. Avoid overspreading. For best results use a good quality synthetic brush. If using a roller lay off to avoid pin-holing.                                                                                                                                                                                                                                                                              |             |                                                                                                             |
| Precautions:                 | IKeep out of reach of children. Ensure good ventilation during application and drying. If the product comes in contact with the 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. <b>Contains no added lead.</b>                                                                                                                                                                                                                                                           |             |                                                                                                             |

### Limitations:

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We do not hold guarantee for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice. If you have any queries or concerns about using this product, please contact us before application on +353 49 854 7209 [technical@fleetwood.ie](mailto:technical@fleetwood.ie)