

Air+Eco Spec® Washable Matt

Formulated for the professional painter. This product provides a combination of excellent coverage, usability, washability and durability, with an added air-purifying technology.



PRODUCT DESCRIPTION

The air in your home may be five to ten times more polluted than the air outside. Our revolutionary Air Purifying Washable Matt paint transforms the surfaces of your home into air filters, trapping harmful VOCs and removing toxic chemicals from the air you breathe. 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 walls & ceilings and will extend the maintenance of any decorating project.

USES

- All interior walls & ceilings
- High traffic areas
- Commercial and residential settings
- Perfect for hotels, offices, child-care facilities

CHARACTERISTICS / ADVANTAGES

- Transforms surfaces to Air Filters, trapping Harmful VOC's
- Excellent durability and high opacity
- Class 1 scrubability EN13300 & ISO11998
- Class 1 Flame retardance on a class 1 surface
- Water vapour permeability (ISO 7783:2018) – breathability classified as V1 – Very high
- BREEAM NC 2018, LEED v4.1 - Compliant
- Flat matt finish
- EPD according to ISO 14025 and EN 15804

APPROVALS / STANDARDS

VOC Content

- 2004/42/EC EU limit value for this product (cat.A/a WB): 30g/l (2010) This product contains max. 2.3g/l VOC.

Water Vapour Permeability

- Water Vapour Permeability (BS EN ISO 7783), Vapour Permeability Classification (EN 1062-1),
- Class: SD V1 High <0.14

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.

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.

Non-combustability

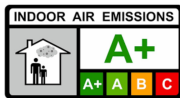
- Class 'O' Flame non-combustability on a class 'O' surface in accordance with BS476 part 6: 1989

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) With a TVOC ≤ 1.0mg/m³ & TSVOC ≤ 0.01mg/m³

BREEAM

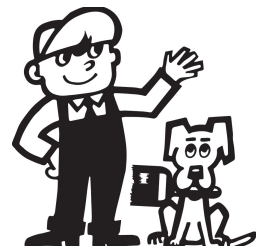
- Is a sustainability assessment method for buildings, master planning, and infrastructure. It's a widely recognised and used system for evaluating and certifying the sustainability performance of buildings throughout their lifecycle.
- Tested in accordance with EN 16516 ISO 16000-3, ISO 16000-6, ISO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



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 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



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.
Application Tools	Brush, roller or spray.
Coverage	Approx. 12m ² per litre, per coat.
Curing Time	Touch dry in 30 minutes, fully cured after 7 to 10 days.
Suitable For	New or previously painted drywall, plaster, cement, concrete and other paintable surfaces.
Min. application temperature	4°C
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, 10L
Colour Range:	Brilliant White - it can be tinted to pastel colour using the Fleetwood tinting system.
LRV Range:	90
VOC Content:	Contains max VOC: 2.3g/l Conforms to EU 2010 Directive (Cat A/a) 30g/l
Composition:	Pigment: Lightfast Pigments Binder: Acrylic Modified Copolymer Emulsion. Solvent: Water
Solids:	Volume Solids: 40% (+/- 2%) Weight Solids: 56% (+/- 2%) Specific Gravity: 1.34 g/ml (+/- 0.15) Gloss: < 6.0 at 85° pH: > 8.2

Technical Data Sheet
Air + Eco Spec Washable Matt - T15

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. Treat powdery surfaces with Fleetwood Masonry Primer. Surfaces to be painted must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease and salts. New plaster and masonry must be fully dry before priming. Avoid the inhalation of dust. 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. 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 12m ² /litre can be achieved under normal conditions
Reduction:	Reduce by up to 20% as required by application and or equipment. When applying over previously painted matt surfaces, it is good practice to apply the 1st coat at 10% dilutions.
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/cm ² (2000 lb/in ²) with a spray tip size of 0.38mm to 0.46mm (15 - 18thou) spray tip angle 65°. Filter mesh 60
Drying Time:	Touch Dry: 2 hours Recoat: 2 – 4 hours This is dependent upon temperature and humidity. Darker colours may take longer 26°C to 50% RH @ 100 µm
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:	Keep 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. Contains no added lead.
Precautions:	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.

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