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Product Data Sheet PDS031: EcoPearl

1 Product Description

Armourcoat EcoPearl is a range of pearlescent coloured waxes that can be applied to Armourcoat finished to give a metallic or pearlescent appearance to the surface.

Armourcoat EcoPearl offers a range of five base colours that can be blended together in varying quantities to give a huge range of pearl and metallic colours.

Armourcoat EcoPearl waxes are easy to apply and pleasant to use.

2 Properties

- Water based product with low VOC emissions and low odour.
- Huge range of colours are achievable by mixing and blending the various base colours together.
- Enhances both the decorative and physical properties of Armourcoat Plaster finishes.
- Quick and easy to apply.
- Supplied ready for use on site.
- Improves water and oil resistance.
- Improves stain resistance.
- Imparts UV and abrasion resistance.
- Easy to clean.

3 Test Data

3.1 Stain Resistance

Polished plaster was tested for Stain resistance according to ASTM D1308 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes. Test carried out according to 15 minute open spot test.

Test Liquid	Standard PP	PP + Armourcoat EcoPearl
Coffee	1	5
Red Wine	1	4
Vinegar	1	3
Mustard	3	4

3.2 VOC Testing

A sample of Armourcoat EcoPearl was tested for VOC following procedures outlined in ASTM D3960 Standard Practise for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings.

Testing was carried out by an accredited American testing laboratory.

Sample	VOC (grams/litre)

Armourcoat EcoPearl	202
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4 Health and Safety

Armourcoat EcoPearl is water based non-combustible and has low VOC emissions (Euro VOC 2010). It is non-hazardous; but in keeping with good working practices avoid prolonged skin contact.

For further details, refer to Armourcoat EcoPearl Material Safety Data Sheet.

5 Suitable Substrates

Armourcoat EcoPearl can be applied over all polished plaster finishes to give both protection and a pearlescent or metallic looking surface.

6 Using and applying Armourcoat Eco Pearl

- Make sure that the polished plaster finish has been allowed to dry for at least 24 hours before application. To be most effective the plaster should be left for 3-7 days prior to waxing.
- The five different base colours can be blended together to give a wide range of pearl and metallic colours.
- All of the base colours or combinations of base colours can be blended with standard Ecowax to reduce the intensity of the pearlescent/metallic effect.
- Apply Armourcoat EcoPearl using a clean cloth and work it into the surface. Immediately wipe any excess off the surface with another cloth. If too much pearl effect is left on the surface, rub the surface with very fine wire wool to remove any excess. After a short time polish the surface using a clean cloth.
- If any excess Armourcoat EcoPearl has dried on the surface, remove it by rubbing with fine wire wool prior to rebuffering the surface.
- If you want a very controlled distribution of the Eco pearl on the surface, or just want the pearl effect in the surface texture but not of the flat polished areas, apply a layer of Ecowax to the surface prior to the application of Armourcoat EcoPearl.

7 Coverage Rates

Textured finished like Pitted and Dragged.: Coverage rate approximately 30 - 40 m/ltr

Smooth, Armuralia: Coverage rate approximately 40 m/ltr

Spatulata: Coverage rate approximately 50 m/ltr

8 Storage

Store in dry conditions between 5 and 35°C. Protect from frost, sunlight and sources of direct heat. Keep container sealed when not in use. Shelf life of Armourcoat EcoPearl in an unopened container under correct storage conditions is 12 months from date of manufacture.

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