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Armourcoat Ltd
 Morewood Close Sevenoaks Kent TN13 2HU
 T: +44(0)1732 460 668 F: +44(0)1732 450 930
 UK Company 1997888. VAT Reg: 445788013
 www.armourcoat.com

Product Data Sheet PDS025: Armourcoat Eco Wax

For use with smooth Polished Plaster finishes

1 Product description

Armourcoat Ecowax is a wax emulsion that offers improved gloss and depth of colour to all smooth Armourcoat polished plasters. This product is suitable for coating porous surfaces where it will offer improved stain resistant properties.

2 Properties

- water based product with low VOC emissions and low odour
- enhances both the decorative and physical properties of porous products
- quick and easy to apply
- supplied ready for use on site
- imparts good water and oil resistance
- good stain resistance
- imparts UV and abrasion resistance
- easy to clean
- can be tinted with water based pigments for coloured waxes

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 Ecowax
Coffee	1	5
Red Wine	1	4
Vinegar	1	3
Mustard	3	4

1 = Poor 5 = Excellent

3.2 VOC testing

A sample of Armourcoat Ecowax was tested for VOC following procedures outlined in ASTM D3960 Standard Practise for Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings and ISO 11890-2 "Paints and varnishes. Determination of volatile organic compound (VOC) content."

Test	VOC (grams/litre)
ASTM D3960	202
ISO 11890-2	50

Testing was carried out by an Accredited American or European testing laboratory.

4 Health and Safety

Armourcoat Ecowax 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 Ecowax Material Safety Data Sheet.

5 Suitable substrates

Can be applied over all smooth polished plaster finishes.

Abide by the substrate recommendations as set out in Polished Plaster Application Manual.

6 Applying Armourcoat Ecowax

Make sure that the polished plaster has been allowed to dry for 24 hours minimum. For maximum surface hardness the plaster should be left for 3-7 days prior to waxing.

Sponge - A fine cell sponge is easiest means of applying Ecowax. Apply the Ecowax sparingly to the plaster surface working it into the surface with the sponge in a circular motion . wipe the surface with a clean cloth to remove any excess wax. After 20 - 30 minutes buff the surface with a clean cloth or a mechanical buffer fitted with a sheepskin Bonnet.

Cloth -Sparingly apply Ecowax using a clean cloth and work it into the surface in a circular motion. After a short time buff up the surface, using a clean cloth or a mechanical buffer fitted with a sheepskin bonnet.

If any excess wax has dried on the surface, remove it by rubbing with fine wire wool prior to rebuffering the surface.

Trowel - Using the same trowel that was used to polish the finish - apply small amounts of Ecowax to the wall surface in smooth consistent strokes. Immediately wipe off any excess material or runs with a clean cloth. Pay close attention for heavy wax build up in all internal corners. Allow the wax to dry for at least 30 minutes before wiping the surface with fine wire wool and then buffing it with a clean cloth or mechanical buffer.

7 Coverage rates

Spatulata

Coverage rate approximately 50 m/ltr

Smooth, Armuralia

Coverage rate approximately 40 m/ltr

8 Storage

Store in dry conditions between 5^o and 35^oC. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use. Shelf life of Armourcoat Ecowax in unopened container under correct storage conditions is 12 months from date of manufacture.

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