

## Product Data Sheet 25

### ArmourTec Ecowax

#### 1 Product Description

ArmourTec 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.

#### 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 + ArmourTec 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 ArmourTec 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 Method	Result	Comments
ASTM D3960	202 g/lit	US EPA requirement (<250g/lit)
ISO 11890-2	71g/lit	

#### 4 Health And Safety

ArmourTec Ecowax is water based non-combustible and has low VOC emissions. It is non-hazardous; but in keeping with good working practices, avoid prolonged skin contact. For further details, refer to 'ArmourTec 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 ArmourTec Ecowax

Make sure that the polished plaster has been allowed to dry for 24 hours minimum. To be most effective the plaster should be left for 3-7 days prior to waxing. 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.

#### 7 Coverage Rates

Spatulata  
Coverage rate approximately 50 m<sup>2</sup>/lt

Smooth, Armuralia  
Coverage rate approximately 40 m<sup>2</sup>/lt

#### 8 Storage

Store in dry conditions between 5 and 35<sup>0</sup>C. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use.

Shelf life of ArmourTec Sealer in unopened container under correct storage conditions is 12 months from date of manufacture.

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