

## Product Data Sheet 9

### Aquawax

#### 1 Product Description

Aquawax is an anionically stabilized, aqueous dispersion of various waxes and additives. This product is suitable for coating porous surfaces where it will impart water resistant and stain resistant properties.

#### 2 Properties

- Enhances both the decorative and physical properties of porous products.
- Quick and easy to apply and economically priced.
- Water based product with low VOC emissions and low odour.
- Supplied ready for use on site.
- Imparts good water resistance.
- Imparts improved stain resistance.
- Easy to clean.

#### 3 Test Data

##### 3.1 Stain Resistance

P01 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	P01	P01 + Aquawax
Coffee	2	4
Red Wine	1	2
Vinegar	3	3
Tomato Sauce	3	3
Mustard	3	4
Strawberry Preserve	4	4

1 = Poor 5 = Excellent

##### 3.2 VOC Testing

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

Sample	VOC (grams/litre)	VOC (Lbs/Gal)
Aquawax	40	0.3

Testing was carried out by an Accredited American testing laboratory.

#### 4 Health And Safety

Aquawax 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 'Aquawax Material Safety Data Sheet'.

#### 5 Suitable Substrates

Can be applied over all polished plaster finishes where vapour permeability is not a requirement.

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

For areas requiring a high gloss finish White Wax may be more suitable.

#### 6 Applying Aquawax

Make sure that the polished plaster has been allowed to dry for 24 hours minimum.

Liberal apply a first coat of Aquawax using a cloth, sponge or roller. Wipe off any drips or runs as you go.

Within a few minutes, using a cloth moistened with a little wax in one hand and a dry cloth in the other, first wipe the damp cloth onto around ¼ m<sup>2</sup> at a time to remove the swirl marks, and then polish with the dry cloth. Dark patches will disappear as the wax dries.

Leave the Aquawax to dry for 1-2 hours and buff with a mechanical buffer to enhance the surface shine.

For full application details please refer to 'Polished Plaster Application Manual'.

#### 7 Coverage Rates

Smooth Finishes (Spatulata, Smooth, Cloudy, Armuralia etc.) Coverage rate approximately 27 m<sup>2</sup>/lt

Textured Finishes (Pitted, Dragged) Coverage rate approximately 12 m<sup>2</sup>/lt

Travertine Coverage rate approximately 8 m<sup>2</sup>/lt

#### 8 Storage

Store in dry conditions between 5 – 25<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 Aquawax in unopened container under correct storage conditions is 12 months from date of manufacture.

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#### Armourcoat Limited

Morewood Close London Road  
 Sevenoaks Kent TN13 2HU United Kingdom  
 Tel: +44 (0)1732 460 668 Fax +44 (0)1732 450 930  
 Email: technical@armourcoat.co.uk

web: [www.armourcoat.com](http://www.armourcoat.com)