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# Product Data Sheet PDS010: Armourcoat Armoursil Impregnator

For use with Armuralia, Spatulata, KonCrete, Istria

## 1 Product Description

Armourcoat Armoursil Impregnator is a solvent free, siloxane based, water repellent impregnator for lime and cement based coatings. Armourcoat Armoursil Impregnator can be used over Armourcoat Polished Plaster, Armuralia, Spatulata and Istria. It can also be used over concrete, bricks, cement render and stucco.

## 2 Properties

- creates an invisible protection
- excellent penetration to most substrates
- drastic reduction in capillary water absorption
- no loss of water vapour permeability
- inhibits the growth of mould and algae
- unaffected by UV light
- resistant to alkali
- improved protection against freeze thaw and efflorescence

## 3 VOC testing

A sample of Armourcoat Armoursil Impregnator was tested for VOC content following procedures outlined in ISO 11890-2 "Paints and varnishes. Determination of volatile organic compound (VOC) content."

Test	VOC (grams/litre)
ISO 11890-2	76

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

## 4 Health and Safety

Armourcoat Armoursil Impregnator is a water based, solvent free impregnator. Avoid contact with skin, eyes and clothes.

## 5 Application and Usage

**Surfaces to be treated should be structurally sound and free of dust, dirt, efflorescence and any paint or coating that could prevent absorption.**

- Protect all adjoining surfaces.
- Apply the material with a roller, brush or paint pad to achieve a consistent fine layer over the entire surface.
- Allow the first layer to saturate the surface and then apply a second layer within 5 - 10 minutes.
- Leave the surface for a further 5 minutes and then wipe it with a clean dry cloth to remove any excess material.

- Clean all tools in detergent and warm water immediately after use.
- Do not apply in direct sunlight and do not apply when ambient temperature is below 5 °C /42°F and above 30 °C/ 90°F.
- As the Armourcoat Armoursil Impregnator is absorbed the surface will darken and it can take up to 24 hours to return to its normal dry colour.
- Armourcoat Armoursil Impregnator can marginally change the final colour and therefore a test sample should always be approved before the application of the product.
- protect from rain for 24 - 48 hours.

## 6 Coverage Rates

Armourcoat Armoursil Impregnator is packaged in 5 litre units. The coverage rate of Armourcoat Armoursil Impregnator is dependent upon the texture and absorbency of the surface to be treated.

Normal coverage rate is 12m<sup>2</sup>/lt - 16m<sup>2</sup>/lt per coat. Highly absorbent surfaces may require more.

## 7 Storage

Store in dry conditions between 5<sup>0</sup>C - 25<sup>0</sup>C. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use.

The shelf life of Armourcoat Armoursil Impregnator in unopened container under correct storage conditions is 24 months from date of manufacture.

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