

## Product Data Sheet 14

### R29 Resin

#### 1 Product Description

Armourcoat R29 Resin is a solventless special blend of silicone resins that are combined with the final coat of Armourcoat Polished Plaster, at the mixing stage, to significantly improve the hydrophobic properties of the finish.

Armourcoat R29 Resin is primarily for use with Armourcoat base plasters P01, P20, P30 and P66 in their natural colours.

#### 2 Properties

- Drastic reduction in capillary water absorption.
- No loss of water vapour permeability.
- Inhibits the growth of mould and algae.
- Unaffected by UV light.
- Ideal for use in internal areas exposed to moisture.
- Improved protection against freeze-thaw damage.

#### 3 Health And Safety

Armourcoat R29 Resin is a water based solvent-free silicone resin emulsion. Abide by safe working practises. Avoid contact with skin, eyes and clothes.

#### 4 Application and Usage

Always wear a dust mask or respirator when mixing Armourcoat polished plaster. Armourcoat polished plaster is packed in 18 kg sacks as a dry premix.

- Mix one unit (800 g) R29 Resin with 7 litres of clean water and stir before adding 1X18 kg sack of Armourcoat Polished Plaster.
- Pour the plaster gently into the water / pigment mix and mix gently at first allowing the air to bubble out of the mix. Then increase the mixing speed of the drill and mix to a thick creamy lump free consistency.
- Leave the material to stand for 3-5 minutes and then mix once again before applying to the wall.

#### 5 Coverage Rates

R29 Resin is packaged in 800 g units.  
1 unit of R29 Resin mixed with an 18 kg sack of Polished Plaster base will cover approx. 9 m<sup>2</sup>.

#### 6 Storage

Store in dry conditions between 5 – 25°C. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use.

Shelf life of R29 Resin in unopened container under correct storage conditions is 6 months from date of manufacture.

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