

## Product Data Sheet 13

### R13 Resin

#### 1 Product Description

Armourcoat R13 Resin is a water based acrylic emulsion polymer for use with Armourcoat powdered products to modify adhesion, toughness, suction and water resistance.

R13 Resin can also be used to seal and consolidate gypsum plasters prior to being overcoated with Duturo.

R13 Resin is solvent and ammonia free and will therefore produce low odour products.

#### 2 Properties

- Solvent & Ammonia free.
- Alkyl phenol ethoxylate free.
- Excellent pigment binding capacity.
- Excellent alkali stability.
- Does not significantly affect setting characteristics of gypsum plasters.

#### 3 Health And Safety

Armourcoat R13 Resin is a water based, solvent-free acrylic 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 powder products. Armourcoat powder products are packed in 18 kg & 25 kg sacks as a dry premix.

Depending on the Armourcoat product the ratio of water : R13, making up the gauging liquid, will vary from 6 : 1 to 2 : 1. Please consult individual product data sheets and the 'Armourcoat Application Manual' for the recommended levels.

- Mix R13 Resin and clean water, in the required ratio, and stir before adding sack of Armourcoat powder product or Armourcast.
- Pour the powder gently into the water/R13/pigment (if required) 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

R13 Resin is packaged in 5 & 25 litre units. Coverage rates will vary depending on the grade of Armourcoat product and the mix ratio. Please consult individual product data sheets for coverage rates.

#### 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 R13 Resin in unopened container under correct storage conditions is 12 months from date of manufacture.

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