



## R-PRIME 301

### DESCRIPTION

R-PRIME 301 is a polymer latex admixture designed to be used easily as a concrete repair material, be it an additive to sand cement mortar or a steel reinforcement primer.

### USES

- As a steel reinforcement primer.
- As a bonding agent.
- As a slurry bond coat.
- As an additive to site mix mortar.
- As a admixture to improve the waterproofing characteristics of the mortar.
- As a high strength additive for high performance screeds or wall plaster.

### ADVANTAGES

- Economical.
- Easy to use.
- Provides an alkaline passivating cover to reinforcement.
- Wear and tear resistance.
- High strength.
- One product, many uses.
- Excellent adhesion to concrete, cement mortar or steel.

### PACKING

R-PRIME 301 comes in 20 litres container or 208 litres metal drum.

### PRECAUTION

Wear mask during preparation to avoid dust inhalation.

Typical Properties	Primer for Reinforcement	Cement/Slurry/ Bond Coat	Cement/Sand Mortar
Mixing Ratio			
Cement (BS 12 or SS26)	2.5kg	2.5kg	5.0kg
Sand (Zone 2)	-	-	12.5kg
R-Prime	1.0kg	1.0kg	1.0kg
Water	-	-	0.9kg
Coverage	5.0m <sup>2</sup>	5.0m <sup>2</sup>	1m <sup>3</sup>
Pot Life	30 mins	30 mins	60 mins
Bond Strength on			
- Steel	28 N/mm <sup>2</sup> (SS2)	-	20 N/mm <sup>2</sup>
- Concrete	20 N/mm <sup>2</sup>	-	20 N/mm <sup>2</sup>
Compressive Strength	30 N/mm <sup>2</sup>	30 N/mm <sup>2</sup>	50 N/mm <sup>2</sup>
Water Permeability	Nil	Nil	Less than 3%
Surface Preparation	Bars to be exposed and cleaned by sand blasting or grinding.	Surface must be cleaned and free from all impurities.	Surface to be cleaned and free from all impurities.
Application	2 coats to be applied by brush. Mortar can be applied after primer has dried sufficiently.	Brush on slurry prior to render or screeding. Ensure bond coat is tacky before mortar application.	Trowel mortar to repair areas. For overhead application of 20mm thick layers to be applied progressively.

## Asia Mortar

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