



## SOLPRIME PS

Primer for Porous Joints

### DESCRIPTION

SOLPRIME PS is a single component solvent based adhesion promoting primer for movement and control joints in porous substrates like concrete, block work, asbestos and timber. The primer forms a chemical bridge between the concrete surface and the sealant which is applied into the joint.

### TYPICAL USES

- Concrete & mortar
- Brick work
- Asbestos
- Timber

### ADVANTAGES

- Strengthens the adhesion of joint sealants to porous surfaces such as concrete, cement brickwork, gypsum board, timber and stone
- Stabilizes and seals joint surface particularly in harsh environments such as areas subjected to heavy traffic, saline water, fuel or oil spillage areas

### PACKAGING:

SOLPRIME PS is available in 1 Litre Pack.

### TECHNICAL PROPERTIES

Color /Appearance	Clear, Viscous liquid
Density, [g/cc	0.95±0.05
Drying Time	Aprox.30 minutes
Application Temperature	5 to 45 ° C

The properties shown above were obtained under laboratory conditions and may vary in practice.

### COVERAGE

Depth ( in mm)	Width ( in mm)				
	10	15	20	25	30
10	250	225	200		
15		175	150	140	130
20			130	120	110
25				100	95
30					60

Linear meter of joint per litre of primer:

# Calculation based on theoretical coverage. Actual material consumption at site will vary depending on the wastage.

### APPLICATION INSTRUCTION

#### JOINT PREPARATION:

The joint surface must be clean, dry and free from oil, loose particles, cement laitance and other contaminants which may affect the adhesion. A thorough wire brushing, grinding, sand blasting or solvent cleaning may be

required to expose a clean and sound substrate. On painted surfaces all loosely adhering paint must be removed (contamination will reduce the strength of the bond), if in doubt remove all previous decorations. To optimize adhesion of both the primer and the sealant, remove all round or sharp edges and corners. Ensure that the surface is absolutely dry before the primer is applied.

#### **APPLICATION**

SOLPRIME PS shall be applied to clean, dry surface prior to the installation of backer rod or bond breaking tape. SOLPRIME PS can be applied by a brush in one thin and uniform coat. The sealant shall be applied only after the primer becomes tack free. A recoat of the primer is required to be applied on the surfaces if the sealant gets delayed by more than 3 hours after application of the primer. For obtaining a clean and neat finish, masking tape shall be applied on both the edges of the groove before applying the primer and shall be removed once the sealant installation is complete.

#### **CLEANING**

Clean all the tools with any solvent immediately after application. Hardened materials can be removed mechanically only.

#### **STORAGE**

Store all material in a cool, covered dry place. Do not expose the pails to direct sunlight and keep away from all sources of heat.

**The shelf life** of the product is 12 months in unopened condition if stored as per the recommendations. Exposure to high temperature and humidity will result in considerable deterioration of the product and reduce its shelf life.

#### **HEALTH & SAFETY**

As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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