


	VITAL TECHNICAL SDN. BHD.	  
	Technical Data Sheet	
	602 Concrete Primer	

Issuance date: 31/03/08

Revision date: 20/02/20

Revision No.: 20-01

Product Description

602 is a solvent-based primer that enhances the adhesion of MS Polymer sealants onto porous substrates (especially concrete). It is easy to apply, with good wetting properties and can be used on damp surfaces.

Features

- Improves adhesion of silicone and MS Polymer sealants
- Quick dry
- Easy application



Applications

It may be used on various substrates, such as concrete, aluminium, wood, glass and certain plastics as well. It can seal off porous surfaces, improving adhesion of the sealant on to the substrate and prevents the migration of plasticizers to the surface of the substrate.

An initial test on the suitability on substrate is recommended.

Directions

Surface preparation

1. Surfaces must be clean and dry.
2. Use solvent to wipe off any dust, dirt, grease, oil or water.
3. Roughen or abrade smooth surfaces to improve the adhesion strength.

Application

1. Pour out sufficient primer for 10 – 15 minutes of use into a clean and suitable container.
2. Reseal the container immediately after pouring the primer out.
3. 602 Concrete Primer is sensitive to moisture and prolonged exposure would reduce the performance of the primer.
4. Apply a thin layer of 602 Concrete Primer onto the concrete surface to be sealed with a clean brush. Apply slightly more than the sealant joint design depth. For example, if the sealant joint depth is designed to be 12 mm deep, apply approximately 15 mm of 602 Concrete Primer onto the concrete substrate.
5. Do NOT apply too much 602 Concrete Primer as a thick film will take a long time to dry off.
6. Thin layer of 602 Concrete Primer applied should be dry within 3 – 10 minutes. Once it is dry, it is ready for sealant application.
7. Apply the sealant within two hours of 602 Concrete Primer application. If the primed surface was left without applying sealant for longer than two hours, re-prime the concrete surface.

Caution





Highly flammable liquid and vapour. May cause drowsiness or dizziness. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Store in a well-ventilated place. Keep cool. Store locked up. Safety data sheet available on request.

Storage

Provided the primer is stored dry and cool (below 30 °C) in air tight containers, the storage stability will be at least 12 months from the production date.

Technical Data:

Typical Properties

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Base	:	Synthetic resin
Appearance	:	Clear liquid
Viscosity¹	:	50 - 150 cPs
Density²	:	approximately 0.99 g/mL (8.3 lb/gal)
Application temperature	:	15 - 35 °C (59 - 95 °F)
Shelf life	:	12 months from day of delivery (if stored correctly)
Coverage	:	approx. 5 m ² /L

¹ Tested according to ASTM D2196 (LV3, 100 rpm).

² Measured according to modified ASTM D1875.

Order information

Code No.	Packaging size
602	1.0 L/bottle

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