

Shin-Etsu Silicone Primer

PRIMER-MT

PRIMER-MT is a one part solvent-based primer that improves the adhesion of Shin-Etsu silicone sealants to many porous substrates including natural stone, masonry, brick and cementitious materials such as glass fiber reinforced concrete and general concrete construction. PRIMER-MT should not be applied to glass surfaces of any kind.

1 Applications

Mortar, concrete, natural stone, granite, marble and timber.

2 Packaging

250 g can

3 General properties

Parameter	Product name	PRIMER-MT
Appearance		Clear liquid
Viscosity		High
Solvent		Toluene, IPA
Drying time at 23°C/50%RH	min	>60
Coverage rate	g/m ²	200

(Not specified values)

4 Instructions for use

PRIMER-MT is designed for improving adhesion to a variety of substrates. To achieve the optimum bonding results, the following steps are recommended:

1. Thoroughly clean the surface by using a stiff brush to remove all dust, dirt and loose contaminates. When required use mechanical abrasion to clean the joint surfaces. If the surface is contaminated with oil, grease or wax use a suitable solvent to remove all traces prior to the application. Always allow time for the solvent to evaporate and dry prior to the application of primer.
2. Decant the primer into a small container and apply within 10 minutes, replace the cap on the original container after use and keep it tightly sealed.

3. Apply PRIMER-MT using a brush and ensure that only a thin film is applied. Do not over prime, a thin film of primer will provide the best results.
4. At room temperature and 50%RH, the primer coat should be allowed to dry for 60 minutes.
5. Once primer has been allowed to properly dry, apply RTV silicone sealant as directed.

* Make sure to conduct adhesion tests with actual substrates before using the sealant.

5 Storage conditions

PRIMER-MT should be kept tightly sealed when not in use and stored in temperatures below 27°C. 6 months after shipment date.

6 Handling precautions

- 1) Seal container tightly and store in a cool, dark place (25°C or below, out of direct sunlight) with good ventilation. Keep away from heat and flame.
- 2) When painting, coating, curing or drying, it is important to keep the product away from heat and flame and provide adequate ventilation.

7 Safety and hygiene

- 1) Organic solvents which contain in PRIMER have skin irritancy. When handling the products, take care to avoid contact with the skin and mucous membranes by using protective glasses and protective gloves. In case of skin contact, immediately wipe off by a dry cloth and then flush thoroughly with running water. In case of accidental eye contact, flush immediately with a large amount of clean water for at least 15 minutes and then seek medical attention. Contact lens wearers must take special care when using the products: if the products enters the eye, the contact lens may become stuck to the eye.
- 2) In the small place, wear a protective mask, and recommend to construct a local exhaust ventilation there. Move to an area with fresh air immediately if you cause dizziness or other unpleasant symptoms by breathing of vapors.
- 3) Keep out of reach of children.
- 4) Be sure to read the Safety Data Sheets (SDS) for these products before use. SDS are available from the Shin-Etsu Sales Department.

CAUTION

- The data and information presented in this catalog may not be relied upon to represent standard values. Shin-Etsu reserves the right to change such data and information, in whole or in part, in this catalog, including product performance standards and specifications without notice.
- Users are solely responsible for making preliminary tests to determine the suitability of products for their intended use. Statements concerning possible or suggested uses made herein may not be relied upon, or be construed, as a guaranty of no patent infringement.
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