



SILPRIME-PU[®]

Urethane primer

DESCRIPTION

SILPRIME-PU® is a quick drying solvent-based primer for priming substrates and joints before application of **SILCOTE-JS**(Joint sealant) and polyurethane waterproofing membrane series.

APPEARANCE AND BENEFITS

- Low VOCs and single component type easy to use
- Solvent-based allows for quick drying
- Promotes improved adhesion to many substrates requiring a primer

RECOMMENDED USAGE

SILPRIME-PU is general primer on substrates such as concrete and cementitious surface with **SILCOTE-JS** joint sealant system and **SILCOTE** waterproofing membrane

CONSUMPTION

The consumption of **SILPRIME-PU** is between 0.2 to 0.4kg per sqm depending on the condition of the substrate

APPLICATION

- Supplied in single part packing for easy application
- Apply **SILPRIME-PU** to the cleaned surfaces by brushing on a thin, uniform coat
Use primer as is; do not thin. Too much primer may act as a bond breaker
- Allow primer to dry at least 20 minutes and up to 8 hours before applying Body materials
Dry time will vary depending on temperature and humidity
- Body materials(**SILCOTE-JS**, **SILCOTE** pu membrane) must be applied the same day as primer

ORDINARY PACKAGING

Usual packing is 16kg in small can(customized packing available)

SHELF LIFE

The product has a shelf life of 12 months if kept in a dry store in the original, unopened packs
Store in dry, shaded conditions out of direct sunlight

SURFACE PREPARATION

To get maximum bonding strength and long-term durability, requested sound, clean and dry substrates before **SILPRIME** application

- Previously painted surfaces, old coatings should be tested for lifting. If lifting occurs, remove the coating. Otherwise, scuff sand glossy areas and aged epoxy coatings
- Concrete surfaces must be fully cured and free of laitance, moisture or form oils
- Masonry surfaces must be sound, clean, dry and free of all paint, grease, oil, dirt and foreign matter
- All surface preparation the tensile strength of the substrate should exceed 1.5N/mm²

TEST DATA

The values given below are average figures achieved in laboratory tests at 20°C and 25°C
Actual values obtained on site may show minor variations from those quoted

Test Item	Specification	Result	Test method
Isocyanate group content	%	4.5	KS F 3888-2:2014 (23±2)°C, (35±10)% R.H
Specific gravity	-	0.970	
Percentage volume of non-volatile matter	%	40.5	
Viscosity(#61, 50r/min,23°C)	cP	53.5	

SAFETY PRECAUTIONS

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Coating must be carried out in well ventilated area. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.

Customer Service

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Technical Service

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