

# Duraprime 100

Polyurethane primer for PU sealant

## Description

Duraprime is a two component, aromatic polyurethane resin based primer recommended for polyurethane sealants.

## Uses

- Duraprime 100 is recommended as primer for concrete and metal surfaces to bond Polyseal type of sealants



**Certified**

## Properties

Type	: Aromatic polyurethane	Mixing ratio	: 4 : 1 by weight
Pot life @ 27°C ASTM D 2471	: 3.30 hrs	Solids content by weight ASTM D 2369	: 65%
Drying time ASTM D 1640		Recommended DFT ASTM D 7091	: 100 microns
Surface dry	: 4.30 hrs	Application	: By brush / roller
Hard dry	: 24 hrs		
Full cure	: 24 hrs		
Recommended thinner	: PUT 502 (Clean up)	Shelf life	: 6 months in the unopened container

## Application Instructions

Mix Duraprime 100 resin and hardener thoroughly in 4 : 1 ratio by weight, using a slow speed mixer. Apply the mixed material either by brush or roller. Allow primer to cure and apply sealant between 1 to 4 hours after priming.

## Packaging & Coverage

Duraprime 100 : Resin available in 4 kg pack and Hardener : 5.8 sqm / kg @ 100 microns available in 1 kg pack

**Note :** The typical physical properties given above are derived from testing in a controlled laboratory environment. Results derived from testing field-applied samples may vary, dependent on actual site conditions

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## Storage and handling :

The product should be stored in accordance with national regulations. It should be kept in a cool, well ventilated area, away from heat, direct sunlight, sparks and children. It contains inflammable solvents. Handle with care. Mix resin and hardener as per the ratio. Use the mix solution within the pot life time. Ideal temperature for storage of the material is 25°C to 30°C, in a covered shed.

## Health and safety precautions

Please refer to MSDS. Observe reasonable care and employ ordinary hygienic principles such as washing the hands with soap and water before eating or smoking. It is recommended to wear gloves, goggles and nose masks while application. In case of splashes on the skin, dampen the cloth with thinner PUT 503 and wipe the hands with the cloth. Wash then with soap and water. Dried film is non toxic. In case of contact with eyes, rinse with plenty of water and seek medical advice. In case of continuous exposure to vapour, the applicator should be immediately moved to get fresh air. The disposal of excess or waste material should be carried out in accordance with the local legislations.

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