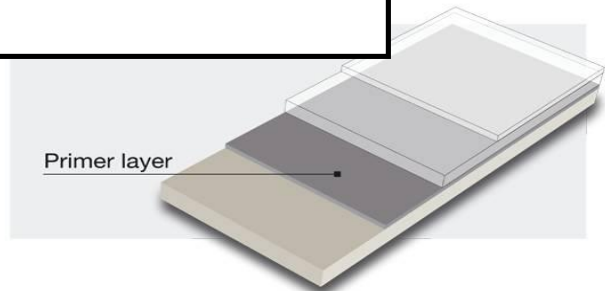




POLYPRIME PU S100

POLYURATHANE SOLVENT FREE PRIMER

POLYUREA SYSTEMS



Features

POLYPRIME PU S100 is a low viscosity POLYURATHANE primer developed specifically for polyurea and polyurethane systems. It is designed to provide optimum application and adhesion properties on properly prepared substrates. Primer / adhesion promoter to problematic concrete substrates. POLYPRIME PU S100 has been developed as a penetrating primer for all NCI POLYUREA systems. Also can be used as primer for polyurethane foam for thermal insulation.

Advantages

- 100% Solids, **Zero VOCs**
- Low Viscosity.
- Penetrating Sealer.
- Formulated as a System with **NCI POLYUREA** Products.
- Eliminates Pin-Holes.
- Applied by Brush, Spray or Roller.
- Increase Adhesion to Concrete by up to.
- Excellent adhesion onto marginally pretreated concrete and metals

Applications.

Primer/sealer for concrete
Primer for NCI POLYUREA systems.
Primer for Polyurethane coatings.
Consumption: 250-350gr m²

Key data

Polyprime PU S100

Viscosity at 25°C (<i>Rotary viscosity, ISO 3219</i>), mPa.s (cP)	220
Solids %	100
Pot life @ 23 C, min	45
Gel time, TECAM, 250 g, @ 23 C, min	80
Film appearance, visual	Glossy, no blushing/exudation
Walk on Cure time @ 23 C, hrs	3

Typical data

POLYPRIME PU S100

Aspect (visual)	brown liquid
Density at 20°C (ISO 1675), g/cm ³	1.17
Flash point (Pensky Martens, ISO 2719), °C >	210

Preparation/Installation:

Concrete should be cured 28 days and be clean, structurally sound and of wax, dirt, loose paints, curing compounds and petrochemicals. Cracks, damage control joints and construction joints should be prepared prior to application. Concrete must be prepared by diamond grinding machine. Apply 250-300gr per m2 in two layers and wait the primer to dry for 12 hours. Then apply the NCI POLYUREA system. Maximum recoat window with NCI POLYUREA systems is 24 hours.

Packaging & Storage

POLYPRIME PU S100 is supplied in 5kgs -20kgs kits. The product has a shelf life of one year when stored at room temperature in the original sealed container.

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