



Anti Corrosive Coatings for Surface Protection

PSKPOXY –PR Epoxy Primer System B47/K46

TECHNICAL INFORMATION SHEET

**For Priming of Steel / Concrete surface, Protective coating of floors,
Sealing of cracks & Bonding of old concrete to new concrete**

DESCRIPTION

PSKPOXY- PR is a solvent free, highly fluid, non-pigmented, two component system of liquid epoxy resin base with formulated polyaminoamide hardener.

PRIMARY APPLICATIONS

Because of its low viscosity, PSKPOXY- PR Primer can be mixed with a considerable amount of mineral filler (aggregate). It is therefore especially suitable as filler compound, repair mortar and synthetic resin mortar on cement bound surfaces. It can also be used in the formulation of flexible coatings, bonding of old to new concrete with excellent adhesion.

Because of its low viscosity and its good penetration properties, Lapox Epoxy Primer can be used as a surface primer for solvent free coating, Screeding and for Self level flooring.

PRODUCT CHARACTERISTICS

PSKPOXY- PR Primer when properly hardened is resistant to lye solutions, diluted acids, saline solutions, mineral oil, and aliphatic hydrocarbons, and is weather-proof and virtually non-yellowing.

PSKPOXY- PR primer is unaffected by constant temperatures and temperature variations in the range of - 30° C to + 60° C wet heat; Resistance to higher temperatures is possible for shorter period.

SURFACE PREPARATION

Steel and Cement bound surfaces must be dry, firm, offer good traction, be free from grout, dust and dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion. If considered necessary, the surface should be sand blasted, flame scaled, milled or ground. Concrete surfaces can be etched with 15 % hydrochloric acid and washed thoroughly with water.

APPLICATION PROCEDURE

PSKPOXY- PR Primer is supplied in two components Resin B11 and Hardener K46. Mix the two components thoroughly as per instructions using drill mixer till the mix is homogenous. Apply by brush uniformly on concrete at the rate of 250 gm per sqm.

MIXING RATIO & PROPERTIES

Lapox Resin B47	:	100 parts by weight
Hardener K46	:	50 parts by weight
Mix Viscosity at 25°C	:	2000-5000 m Pas
Pot life at 25°C	:	120 minutes
Touch dry time at 25°C	:	4-6 hrs

PACKING

PSKPOXY- PR Primer is supplied in containers of 5 kg, 20 kg and 200 kg packings. Resin and hardener are supplied in correct mix ratios.

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