



Anti Corrosive Coatings for Surface Protection

PSKPOXY -MPR

Moisture Tolerant Epoxy Primer System

B47/K59/K48

TECHNICAL INFORMATION SHEET

Moisture Tolerant Epoxy Primer For Priming of moisture contained or low damp Concrete/ Steel surface

DESCRIPTION

PSKPOXY – MPR is a solvent free, highly fluid non-pigmented, two component preparation of liquid epoxy resin base with formulated polyamide hardener.

PRIMARY APPLICATIONS

PSKPOXY –MPR is a two-component, moisture-tolerant epoxy primer for steel, concrete and other substrates as specified. It is used to prime concrete, steel and other substrates prior to application of other Epoxy coatings, linings, membranes, sealants and polymer concretes. It achieves a tenacious bond to the substrate and tolerates substrate dampness but not wet surfaces.

Because of its low viscosity, the Moisture tolerant Epoxy 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.

PRODUCT CHARACTERISTICS

PSKPOXY –MPR 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.

TYPICAL PROPERTIES

WET

Color: Milky White/Clear

Moisture Tolerance: Good

Solids (by weight): 100%

CURED

Water absorption: Very low, 0.16%

Adhesion to concrete: 500 psi (failure in concrete)

SURFACE PREPARATION

Cement bound surfaces must be cured for minimum of 28 days, 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.

Iron and steel must be free of rust and scale and should be free from oil, dust and grease and other dirt particles. The best method of preparation is to flame scale or sand blast.

PSK Corofrac Linings Pvt. Ltd.

106, Udyog Kshetra, Mulund Goregaon Link Road, Mulund (West), Mumbai – 400 080.

Tel No.: 022 - 25690997 / 25651695, Fax No.: 022 – 25694121, E-mail: psk@psklinings.com



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APPLICATION PROCEDURE

The Primer is supplied in two components A and B, Mix the two components thoroughly using drill mixer till the mix is homogenous.
Apply by brush uniformly on concrete at the rate of 200 to 250 gms per sqm

PACKING

PSKPOXY – MPR 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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