K2 JAPOXY PRIMER

Primer for Epoxy Repair Mortar Flooring Coating System

Description:

K2 JAPOXY PRIMER has been developed to give excellent bonding and good adhesion of K2 JAPOXY SCREED to the concrete surface. K2 JAPOXY PRIMER is a two pack epoxy resin based primer to ensure an excellent bond of the coating, screed on the substrate.

Area of Application:

- For enhancing bonding of all epoxy and flooring and coating system and with excellent adhesion to most surfaces including concrete, glass, aluminum and steel.
- It can be also used in conjunction with K2 Polyseal.

Benefits:

- Exceptionally good bonding.
- To protect concrete floors, enhanced resistance to oil, grease, water penetration, dust, abrasion and chemical attack.
- Good adhesion strength.
- Good is penetrating and sealing properties.
- Good bonding with sound old and new concrete surface.
- Provides excellent adhesion between the concrete surface and epoxy top coating/screeding.

Technical Properties:

Properties	**Results**
Appearance, color	Part A : Turbid cloudy liquid Part B : Transparent amber liquid
Mixing Ratio (Part-A::Part-B) on wt. basis	65:35
Density, gms/cc	1.045
Mix consistency	Spreadable liquid
Application Temperature, OC	10 – 40
Induction time	5 min
Pot Life	25-30 min
Surface Drying Time	50-60 min
Tack Free (Min.)	120 min
Dry to walk / Hard dry	12 Hrs.
Consumption,	0.115 Kg/sq.mtr @ 100 Micron WFT & 0.200 Kg/sq.mtr @ 175 Micron WFT.
Recommended WFT	100-175 Microns

Application Instruction:

SURFACE PREPARATION

- New concrete should be at least 28 days old or have a moisture content of less than 5% before proceeding with the epoxy primer application. Laitance, deposits and all contamination viz, oil, grease etc. on new concrete floors are preferably removed by light grit/ shot blasting, mechanical scarifying or grinding to achieve an open textured surface.
- In old concrete hydrophobic and bond-inhibiting contaminants (like oils, grease, wax, and fatty acids) can be identified by a simple water drop test. Cleaning can be accomplished by the use of detergent scrubbing, low pressure water cleaning (less than 5000 psi), steam cleaning or chemical cleaning. Remove localized weak or deteriorated materials from the surface by light grit/ shot blasting, mechanical scarifying or grinding.
- All dust present, produced after surface preparation must be removed by vacuum pump prior to primer application.

MIXING PROCESS

- K2 JAPOXY PRIMER is supplied with 2 pre-weighed packs (Base and Hardener) which are ready for immediate on site use. Mix the hardener into the base under continuous stirring as per standard pack size by using a mechanical stirrer until homogenous.
- Apply after induction time and before expiration of pot life.

APPLICATION

The Mixed primer should be brushed/ roller/ squeeze applied to the prepared surface.

Precautions:

- Use the mixed material within the pot life time.
- For best results clean the surface properly.
- Do not use any solvent for reducing consistency.
- Relative air humidity (RH) to not exceed beyond 80%.
- Not suitable for rising damp.

Coverage:

6 to 7 Sq.mtr/kg on porosity of substrate.

Packing:

K2 JAPOXY PRIMER is available in 500 g Pack.

Pack Contains - Part A – Base (0.335kg) & Part B – Hardener (0.165kg).

Shelf Life and Storage:

K2 JAPOXY PRIMER has a Shelf life is 12 Months from the date of manufacturing. Store the material in cool and dry place.

Health & safety:

K2 JAPOXY PRIMER is during application so that adequate safety precautions should be observed (Please refer to the separate safety data sheet and general information sheet before use).

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

Important Note:

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KONKEM INDUSTRIES PVT LTD
A Group Company of JAY

Jay House, Panchvati Circle,
Ambawadi, Ahmedabad
380006. India

Phone: 079-69073222

Email: infok2@konkem.com
Website: www.konkem.com