EpoxyPRIMER® 2K

Adhesive layer between old and new concrete

Water based epoxy primer for humidity barrier properties



EAN-Code
6150607135132

Description

EpoxyPRIMER® 2K Epoxy based specially formulated by our revolutionary epoxy based primer and coating by ANILO® It is a two-component, A+Bcomp.1:1 by volume ratio.

This allows the user to consume even the smallest quantities and store the material for future subsequent projects.

Since the material has low viscosity and long pot life, it is ideal for applications in large projects and large square meters.

EpoxyPRIMER® 2K can be easily colored with universal pigment and can be filled with equal parts of finest quartz granule giving rise to an excellent protective coating for concrete surfaces.

Important Features

EpoxyPRIMER® 2K Epoxy Based

- Suitable for application in closed spaces.
- Safe and non-flammable (zero VOC).
- Quick curing even at lower temperatures
- Can be applied to humid substrates.
- Non-toxic

Packaging Types

Part A	4kg
Part B	4kg

Features / Benefits

- 1:1 By volume application ratio
- Suitable for application in closed spaces.
- Easy clean up.
- Strong adhesion even on damp or green concrete.
- Strong adhesion even on iron, galvanized steel and aluminium.
- Strong adhesion even on glass and wood.
- Good mechanical properties and abrasion resistance.
- Easy coloring with water based pigment paste
- Visible pot-life

Application Areas

Primer for EpoxyPRIMER ® 2K range of polyurethane dispersion products as well as GardenDEC® and IntoDEC® Series binders and Epoxy range.

- Primer when humidity barrier properties are required
- Sealing coat for concrete,
- Adhesive layer between old and new concrete.
- Anti-Dust floor coating
- Protective coating for old metal based structures

Technical Data

Potlife :	± 25 minutes (20 °C)
Touch Drying Time :	± 2 hours (25 °C)
Full Drying Time :	3 hours (25 °C)
Walkable After :	6 hours
Service Temperature :	(+5 °C to +40 °C)
Mixing Ratio :	1:1 Ratio

Consumption

- 1:1 By volume application ratio
- As primer –Maximum apply in one thin coat with total consumption of 200-250 gr/m².
- As water/humidity barrier – Apply in twoo coats with total consumption of 500-600 gr/m².

Application Procedure

- Mixing: EpoxyPRIMER® 2K
- Mix the two components well manually or using a low speed (300 rpm) mixer.
- Application: As primer
- Application in thin coats only. Apply with roller in one coat with total maximum consumption of 200-250 gr/m².
- As water/humidity barrier
- Do not exceed the stated consumption numbers, as this will adversely affect its adhesion and durability.
- Pot life of mixture is 1-hour maximum at 25 °C.
- Do not apply when the temperature is below 10 °C.

Curing time is highly dependent on weather conditions: It can be as low as 2 hours during summer and as high as between 18-22 hours during winter.

Cleaning

Clean tools and equipment first with paper and then using water.

Technical Specifications

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (Brookfield) of mixed product	cP	-	50-100
Specific weight	gr/cm^3	-	1.0
Mixing ratio	A:B, by volume	-	1:1
Tack free time, @ 77 °F (25 °C) & 55% RH	hours	-	3-5
Full cure	days	-	3
Recoat time	-	-	When material has hardened to the degree where it can no longer be punctured by finger nail
Pot life	hours	-	1 @ 25 °C

In cured form (after application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Service temperature	°C	-	5-40
Adhesion to concrete	kg/cm^2 (N/mm^2)	-	> 30 (> 3)
Resistance to friction	Gr	-	$120 * 10^{-3}$