EpoxyDEC® 3K

Self Leveling

Epoxy Self Leveling Flooring
Excellent resistance Inhibits fungal and bacterial growth



EAN-Code
6150607913938

Description

EpoxyDEC® 2K Specially formulated Epoxy based for self-leveling floor with exceptional performance in a multitude of applications solvent free, non-toxic, epoxy floor coating with excellent chemical resistance.

EpoxyDEC® 2K has excellent staining,water contact and very high high impact and abrasion resistance.

EpoxyDEC® 2K Specially formulated by our revolutionary, Epoxy based self-leveling floor Painting by ANILO® It is a two-component, A+B comp.

EpoxyDEC® 2K Available in neutral, colorless or any color requested; please refer to the color chart.

Important Features

EpoxyDEC® 2K Available in neutral, colorless or any color requested; please refer to the color chart.

- Excellent mechanical properties, high tensile and tear strength, abrasion resistance.
- Inhibits fungal and bacterial growth

Technical Data

Potlife :	± 35 minutes (25 °C)
Touch Drying Time :	± 8 hours (25 °C)
Light Traffic :	± 18 hours (25 °C)
Drying Time :	24 hours (25 °C)
Heavy Traffic :	± 3-4 days (25 °C)
Service Temperature :	(+10 °C to +40 °C)

Packaging Types

20kg + 4kg Pails

Part A [20kg] Pail Part B [4kg] Pail

Features / Benefits

- Solvent free
- Non-toxic
- High impact resistance
- Excellent chemical resistance
- Excellent mechanical properties, high tensile and tear strength, abrasion resistance.
- Inhibits fungal and bacterial growth
- Warm water resistance 60°C - 90 °C.
- Excellent chemical resistance.
- Negative hydrostatic pressure resistant.

Application Areas

- Continuously flexible floors
- Industrial Floors
- Hospitals and Pharmacy floors
- Living areas and Showrooms
- Food, and Chemical floors
- Pharmaceutical Industries floors
- Indoor Car Parks
- Retail Shopping Areas
- Hotels, Shops and Supermarkets
- Offices,Schools and colleges
- In food and beverage industry
- Chemical industry floors
- Healthcare area floors
- Electronics store floors

Application Procedure / Consumption

Clean the surface thoroughly, mechanical spiral grinding is highly recommended.
Concrete substrate conditions (standard):
- Hardness: R32 =15MPa
- Humidity: W < 5%
- Temperature: from 10°C - 35°C

Remove from the floor oil, grease ,wax contaminants,cement laitance, loose particles, mold and release agents
The application surface must be dry.

MIXING EpoxyDEC® 2K

Before starting mixing component A+B, mix component A thoroughly for 1 minutes.
Pour Component B into the Component A pail and mix using a low speed (300 rpm) electric drill until the mixture is completely homogenous.
Priming: Prime all surfaces with water based EpoxyPRIMER® 2K at a consumption of 150-200 gr/m². Optionally spreading dry quartz sand on wet primer and blow off excess sand.
Allow 10 hours and apply EpoxyDEC® 2K self leveling

EpoxyDEC® 2K Application As Paint

Apply A+B without addition of quartz sand with a roller or spatula in two coats with 0.200-0.350 kg/m² per coat (minimum total consumption 0.5 kg/m²). Optionally to make an anti-slip finish the final layer is broadcasted with fine quartz sand.

Apply EpoxyDEC® 2K As Self-Leveling;

To the mixture of EpoxyDEC® 2K A+B, add 1:1
Optionally add dry silica sand 0.1-0.3 diameter and pigment. Pour the material on the floor and apply by 5mm notched trowel.
Use a spiked roller to subsequently remove entrapped air.
EpoxyDEC® 2K Available ready to use in neutral, colorless or any color requested; please refer to the color chart. Ready to us
We recommend our Full aliphatic water-based TopcoatDEC® SF-2K product for 100% resistance to sunlight and surface scratches.

Cleaning
Clean your tools and equipment with Cellulosic thinner during the application phase.

Total Consumption: 500-600 gr/m²

Technical Specifications

PROPERTY	UNITS	METHOD	SPECIFICATION
Pot Life (25°C) & 55% RH	Min.	Internal Method	>40
Mixing Ratio (Comp.A:Comp.B)	-	-	5:1
Viscosity (initial mixing)	cP	-	2,000-4,000

The cured coating:

PROPERTY	UNITS	METHOD	SPECIFICATION
Hardness	Shore A	-	>95
Max Temperature short time (shock)	°C	INTERNAL	150
Light Traffic ((25°C) & 55% RH)	Hours	INTERNAL	150
Heavy Traffic	Days	-	7
Abrasion Resistance (TABER)	Mg loss	-	55
Adhesion to Concrete	N/mm²	-	>3
Compression Strength	N/mm²	-	>50
Shrinkage	%	INTERNAL	0
Resistance to acids, solvents, lubricants etc.	-	INTERNAL	Excellent