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DELTA OXYFLOOR EPOXY MORTAR 2 KOMPONEN

DESCRIPTION

Delta Oxyfloor Epoxy Mortar 2 Komponen is a two component, solventless amine cured epoxy for multilayer epoxy primer system with anti-slip properties, suitable for epoxy mortar screed and transparent sealer. It has good abrasion resistance, good adhesion to concrete, high impact resistance and high resistance to a wide range of industrial chemicals.

RECOMMENDED USE

This product is used as a epoxy mortar curving, multi-layer epoxy system with anti-slip properties and as mortar repair epoxy:

- Hangar
- Warehouse
- Workshop
- Depot and loading bay
- Factory floor

CHARACTERISTICS

- Excellent impact resistance
- High mechanical strength
- Easy to apply
- Attractive floor and Hygienic
- Anti-slip and anti-skid finish

BASIC DATA

Colour	Clear
Gloss Level	Gloss
Volume Solid	Approx. 90% \pm 2% by weight
Dry Film Thickness	1 mm - 10 mm as mortar screed
Theoretical Spreading Rate/ Coverage	0.5 - 0.6 kg/m ² (for multilayer) For mortar screed mixed with quarts sand Binder : Quarts sand = 1 : 6 - 7
Temperature Resistance	93°C (dry)
Flash Point	Base: 25°C Hardener: 48°C
Pack Size	20 kg unit Base: 15.40 kg Hardener: 4.60 kg
SG (mixture)	Approx. 1.10 – 1.15 gr/ml
Shelf Life	At least 12 months when stored cool and dry



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SUBSTRATE CONDITION

Unless specially water-reduced, the floor should be at least 28 days old and give a hygrometer reading not exceeding 80% RH and moisture content should be less than 5%. The temperature of the substrate must be at least 3°C above the current dew point temperature. Dry removal of laitance by light grit-blasting is preferable but, where this is not feasible, treat with Acid Etch, followed by thorough rinsing with water and complete drying. Dust and other debris should then be removed by vacuum brush.

INSTRUCTION FOR USE

Firstly stir Base quickly before mixing, add Hardener in the correct mix ratio and mix 3 minutes at low speed. Add the correctly batched quantity of component C (aggregate) in the mixer for at least 3 minutes until the mix is homogeneous. Roller apply Delta Oxyfloor Epoxy Mortar 2 Komponen (Base + Hardener) as primer coat, then apply wet on wet Delta Oxyfloor Epoxy Mortar 2 Komponen tamp down and finish with metal trowel.

Top Coat

Apply Top coat Delta Oxyfloor Epoxy Mortar 2 Komponen, use a low speed electrical stirrer mixer. Firstly stir Base quickly before mixing, mix one set Delta Oxyfloor Top Coat 2 Komponen, poured the material onto the substrate and spread the mixed material using a toothed trowel or spreading blade then de-aerate with spiked roller. Following the application of Delta Oxyfloor Top Coat 2 Komponen. Protect coated area for at least 24 hours after laying from traffic, rain, etc.

Trowel/Roller

Recommended to use

Mixing Ratio

Base : Hardener = 3.39 : 1 by weight

Thinner

Not required

Cleaner/Cleaning Solvent

DELTA Thinner Epoxy

ADDITIONAL DATA

Overcoating Intervals

Temperature	25°C	32°C
Minimum	16 hours	12 hours
Maximum	3 months	

Drying/Curing Time

Temperature	Touch Dry	Through Dry	Full Cure
25°C	2 hours	6 hours	1 day
32°C	1 hour	4 hours	24 hours



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Pot Life

Temperature Pot Life

32°C

30 minutes

STORAGE AND HANDLING

The product must be stored in accordance with national regulation. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from the source of heat and ignition. Containers must be kept tightly closed. Handle with care, stir well before use.

SAFETY PRECAUTION

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in a cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined and enclosed space, such as tank interior and building.