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DELTA OXYFLOOR COLD STORAGE PRIMER

DESCRIPTION

Delta Oxyfloor Cold Storage Primer is a three part, PU Hybrid – waterbased, fine textured mortar for self smoothing floor screeds in thin layer 3 mm – 6 mm.

RECOMMENDED USE

Delta Oxyfloor Cold Storage Primer is suitable for priming high moisture concrete surfaces ~ 6% (Moisture Barrier 1 mm – 3 mm thickness) prior to the application of Delta Oxyfloor PU Hydro as body coat and Delta Oxyfloor PU Hydro Clear as Top coat. Because PU has the privilege of both hardness and also flexibility then Delta Oxyfloor Cold Storage Primer is suitable for application in concrete that have problems with hair crack. Specifically for use in cold rooms it is recommended to use a top coat Delta Oxyfloor Cold Storage Top Coat 2 Komponen.

SPECIAL - CHARACTERISTICS

- High Moisture tolerance
- Self smoothing
- Suitable for temperatures of 0 to - 30 degree Celsius
- Improves the adhesion of Top Coat
- Good chemical resistant
- Excellent abrasion resistance
- Good Hardness & Flexible

BASIC DATA

Colour	Std – Delta Oxyfloor
Gloss Level	Low Gloss
Volume Solid	100% by weight
Dry Film Thickness	3 mm – 5 mm
Theoretical Spreading Rate/ Coverage	Approx. 5.1 kg/m ² for 3 mm
Pack Size	A : B : C = 2.86 kg : 3.71 kg : 13.43 kg = 20 kg set
Mixing Ratio	A : B : C = 1 : 1.3 : 4.7
SG mix	Approx. 1.7 gr/ml
Shelf Life	At least 6 months when stored cool and dry



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INSTRUCTION FOR USE

Surface Preparation

Thorough surface preparation is vital. Concrete shall be clean, dry and free of all contaminant such as dirt, oil grease etc. And concrete structurally sound and sufficient compressive strength min. 30 N/mm² with a min. pull off strength of 1.5 N/mm². For best results Syncoat recommends mechanical preparation techniques. (For example, metal grinding or using diamond/ resin pad).

New Concrete Floors

Should be at least 14 days old before proceeding with Delta Oxyfloor Cold Storage Primer application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical grinding. On smaller areas thorough etching may be considered.

After etching the floor, it should be thoroughly washed with clean water and then let to dry. For the new floor in the cold room, after grinding, directly apply the Delta Oxyfloor PU Hybrid before applying the top coat Delta Oxyfloor Cold Storage Top Coat 2 Komponen application.

Old Concrete Floors

Mechanical cleaning methods are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred or existing coatings are present. These may well have been absorbed several millimeters deep into the concrete. To ensure good adhesion all contamination should be removed and the surface thoroughly cleaned of all dust and loose debris. For the old floor use in the cold room, it is recommended to turn off the air cooler. Let the ice on the floor melt and then grinding and let drying before the Oxyfloor application or direct applying Delta Oxyfloor Cold Storage Top Coat 2 Komponen on floor without primer.

Mixing

Add the entire contents of component C/Agregate to the base and mix thoroughly for 1 - 2 mins then add Component C/Hardener and mix for 2 minutes. until homogeneous, using a slow speed drill (200 - 400 rpm) fitted with a suitable mixing paddle.

Application

Once mixed the primer should be applied immediately in a thin continuous film to the clean prepared surface. Work the primer into the surface using a notch or metal trowel and follow by spiked roller. Excess application and puddling should be avoided. On porous surfaces.

Delta Oxyfloor Cold Storage Primer will be absorbed very quickly. For Delta Oxyfloor PU Hydro as body coat and Delta Oxyfloor PU Hydro Clear as top coat or Delta Oxyfloor Cold Storage Top Coat 2 Komponen applications, leave the Delta Oxyfloor PU - Hybrid Waterbased to dry min. 8 hours/overnight.



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Mixing Ratio A : B : C = 1 : 1.3 : 4.7 (by weight)

Cleaner/Cleaning Solvent Water

ADDITIONAL DATA

Overcoating Intervals

Temperature	25°C	32°C
Minimum	8 hours	8 hours
Maximum	1 month	-

Drying/Curing Time

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

Pot Life

Temperature	Pot Life
32°C	10 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.