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DELTA OXYFLOOR COLD STORAGE TOP COAT 2 KOMPONEN

DESCRIPTION

Delta Oxyfloor Cold Storage Top Coat 2 Komponen is a unique and advance technology based on two component Aliphatic Poly Carbamide coating system.

Delta Oxyfloor Cold Storage Top Coat 2 Komponen can be used as top coat or stand-alone coat/body coat. Delta Oxyfloor Cold Storage Top Coat 2 Komponen is special design for Cold storage floor coating and product can be applied in temperatures as low as -30°C . When fully cured Delta Oxyfloor Cold Storage Top Coat 2 Komponen, will produce a highly abrasion and wear resistant, high-gloss, smooth finish.

RECOMMENDED USE

Delta Oxyfloor Cold Storage Top Coat 2 Komponen is ideal for applications in Cold Storage Areas Industrial Warehouses, Food Processing Areas, special science laboratories, cleanrooms, and other locations under mandate to operate in temperatures below what most consider to be comfortable "room temperature". **PASS – FDA 21 CFR 175.300.**

SPECIAL - CHARACTERISTICS

- Solvent free
- Moisture tolerance
- Low Viscosity
- Good chemical resistant.
- Excellent abrasion & stain resistance
- Low odor
- Cures in as low as -30°C

BASIC DATA

Colour	Color
Gloss Level	Gloss
Volume Solid	100%
Dry Film Thickness	>300 microns
Theoretical Spreading Rate/ Coverage	~ 0,45 kg/m ² for 300 microns
Pack Size	A : B = 15 kg : 5 kg



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Mixing Ratio	A : B = 3 : 1
SG mix	Approx 1.5 gr/ml
Shelf Life	At least 12 months when stored cool and dry

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/mm ² with a min. pull off strength of 1.5 N/mm ² . 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 Top Coat 2 Komponen application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical grinding.
Primer Coat	Apply primer coat Delta Oxyfloor PU-Hybrid Waterbased, use a low speed electrical stirrer mixer. Firstly stir comp A + C quickly before mixing, mix one set for at least 2 minutes until the mix homogeneous poured the material onto to the substrate and spread the mixed material using a squeegee & spiket roller, allow to curing time 6 - 8 hours (overnight) before continued next step.
Top Coat	Apply Top coat Delta Oxyfloor Cold Storage Top Coat 2 Komponen, use a low speed electrical stirrer mixer. Firstly stir Base quickly before mixing, mix one set Delta Oxyfloor Cold Storage Top Coat 2 Komponen, for 1-2 minutes until the mix is homogeneous. Poured the material onto the substrate and spread the mixed material using a toothed trowel or spreading blade then deaerate with spiked roller. Following the application of Delta Oxyfloor Cold Storage Top Coat 2 Komponen.
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.
Mixing Ratio	3 : 1 (by weight)
Cleaner/Cleaning Solvent	Delta Thinner UFD



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Top Coat

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ADDITIONAL DATA	Drying/Curing Time	Temperature	Touch Dry	Through Dry	Full Cure
		- 20°C	3 hours	4 – 6 hours	
		- 3°C	3 hour	4 – 6 hours	
Pot Life		Temperature	Pot Life		
		32°C	15 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.