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## DELTA OXYFLOOR TOP COAT 2 KOMPONEN

### DESCRIPTION

Delta Oxyfloor Top Coat 2 Komponen is a two component solventless amine cured epoxy self- smoothing floor topping which has good abrasion resistance, good adhesion to concrete and high resistance to a wide range of industrial chemicals.

### RECOMMENDED USE

This product is used as a finish coat in epoxy flooring system. It is suitable for heavy duty floor in:

- Food and beverage production area (PASS – FDA 21 CFR 175.300)
- Hospital, pharmaceutical, factory
- Pulp and paper industry
- Workshop
- Electronic engineering and packaging plant
- Processing plants etc

### CHARACTERISTICS

- Excellent impact resistance
- Good abrasion resistance
- Easy to clean tough, smooth non porous surfaces
- Attractive floor and Hygienic
- Low maintenance cost

### BASIC DATA

Colour	Available on request
Gloss Level	High Gloss
Volume Solid	Approx. 90% $\pm$ 2% by weight
Dry Film Thickness	300 microns – 1 mm
Theoretical Spreading Rate/ Coverage	Approx. 1.75 kg/m <sup>2</sup> for 1 mm
Temperature Resistance	93°C (dry)
Flash Point	Base: 25°C Hardener: 48°C
Pack Size	20 kg unit Base: 16.0 kg Hardener: 4 kg

The Information given above is based upon our practical knowledge and experience, but, for improvement of product, is subject to change without prior notice. Due to different materials or substrates use as well as to varying working conditions which are beyond our control, we strictly recommended to carry out trials and to consult our technicians. PT. Putramataram CI guarantees the constancy of the products.



<b>SG - Mix</b>	± 1.55 gr/ml
<b>Shelf Life</b>	At least 12 months when stored cool and dry

#### PHYSICAL PROPERTIES

<b>Compressive Strength</b>	> 70 N / mm <sup>2</sup> (28 days) 10.150 psi
<b>Bonding Strength</b>	> 1.5 N / mm <sup>2</sup> or 300 psi (ASTM D-4541)
<b>Abrasion Resistance</b>	500 g, 1000 cycles, 60 RPM    Wear index : 12,2 mg (ASTM D-4060 CS-10 Wheel)
<b>Flexural Strength</b>	>25 N / mm <sup>2</sup> (28 days) or 3600 psi (ASTM C-580)
<b>Shore D Hardnes</b>	81 (7 days) (ASTM D-2242/Shore D)
<b>Tensile Strength</b>	2000 psi (ASTM C – 307)

#### CHEMICAL RESISTANCE

<b>Gasoline, Petrol</b>	Excellent
<b>Alcohols, Ketones</b>	Excellent
<b>Caustic Soda 30%</b>	Excellent
<b>Amonia</b>	Excellent
<b>Nitric Acid 10%</b>	Very Good
<b>Sulphuric Acid 10%</b>	Very Good
<b>Acetic Acid 10%</b>	Very Good

#### 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

<b>Primer Coat</b>	Apply primer coat Delta Oxyfloor Primer (MT) or other Delta Oxyfloor Epoxy Primers, use a low speed electrical stirrer mixer. Firstly stir comp A quickly before mixing, mix one set Delta Oxyfloor Primer (MT) for at least 3 minutes until the mix homogeneous poured the material onto to the substrate and spread the mixed material using a squeegee & paint roller, allow to curing time 24 hours (overnight) before continued next step.
<b>Top Coat</b>	Apply Top coat Delta Oxyfloor Top Coat 2 Komponen, use a low speed electrical stirrer mixer. Firstly stir Base quickly before mixing, mix one set Delta Oxyfloor Top Coat 2 Komponen for at least 3 minutes until the mix is homogeneous.



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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 Top Coat 2 Komponen.

Protect coated area for at least 24 hours after laying from traffic, rain, etc

Brush/Roller	Recommended to use
Mixing Ratio	Base : Hardener = 4 : 1 by weight
Thinner	Not required
Cleaner/Cleaning Solvent	Delta Thinner Epoxy

#### ADDITIONAL DATA

Overcoating Intervals	Temperature	25°C	32°C	
	Minimum	1 day	1 day	
	Maximum	3 months	-	
Drying/Curing Time	Temperature	Touch Dry	Through Dry	Full Cure
	25°C	4 hours	6 hours	1 day
	32°C	2 hours	5 hours	1 day
Pot Life	Temperature	Pot Life		
	32°C	45 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.