





## **DELTA OXYFLOOR PU TOP COAT**

DESCRIPTION		Delta Oxyfloor PU Top Coat is a two component solvent base and non yellowing, non-chalking aliphatic acrylic Polyurethane enamel. The specialty of Delta Oxyfloor PU Top Coat is a dry time of only 3.5 hours and is ready to be coated by Delta Oxyfloor UV Hybrid Food Grade or Delta Oxyfloor UV Hybrid Non Yellowing.
RECOMMENDED USE		Delta Oxyfloor PU Top Coat is suitable for flooring as Intermediate Coat or as Top Coat
		<ul> <li>Food and beverage production area</li> </ul>
		<ul> <li>Hospital, pharmaceutical factory</li> </ul>
		• Pulp and paper industry
		• Workshop
		<ul> <li>Electronic engineering and packaging plant</li> </ul>
		• Garment
		• Processing plants etc
BASIC DATA	Colour	Color available on request
	Gloss Level	Gloss
	Volume Solid - mix	Approx. 70% ± 2% by weight
	Dry Film Thickness	100 - 125 microns depending on system
	Theoretical Spreading Rate/ Coverage	Approx. 0.12 – 0.15 kg/m2 for 100 microns
	Pack Size	20 kg unit
		Base: 16.4 kg
		Hardener: 3.6 kg
	Shelf Life	At least 12 months when stored cool and dry
PHYSICAL PROPERTIES	Bonding Strength	>1.5 N / mm² or 200 psi (ASTM D-4541)







CHEMICAL RESISTANCE	Gasoline, Petrol	Excellent	
	Alcohols, Ketones	Fair to Good	
	Caustic soda 30%	Fair to Good	
	Amonia	Fair to Good	
	Nitric Acid 10%	Fair to Good	
	Sulphuric acid 10%	Fair to Good	
	Acetic acid 10%	Fair to Good	
INSTRUCTION FOR USE	Surface Preparation	Thorough surface preparation is vital. For best results Putramataram recommends mechanical preparation techniques. (For example, mechanical scarifying, grit-blasting, sand blasting). For flooring works, care must be taken to ensure that the substrate does not suffer from rising dampness. If such conditions exist, please consult Putramataram.	
	New Concrete Floors	Should be at least 28 days old or have a moisture content of less than 5% before proceeding with epoxy 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/ wall, it should be thoroughly washed with clean water and then let to dry.	
	Old Concrete Floors	Mechanical cleaning methods are strongly recommended on old concrete floor/wall, 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. A thorough detergent wash is also recommended followed by thorough cleaning with clean water and mopping it off to a dry state.	
	Mixing	Add the entire contents of the hardener tin to the base and mix thoroughly for 3 mins. until homogeneous, using a slow speed drill (200 - 400 rpm) fitted with a suitable mixing paddle.	







Application	Primer Coat	Apply primer of Oxyfloor Prim stir comp A qu Hybrid Primer spread mixed roller, allow to next step.	coat Delta O ler use a low uickly before for at least 3 material ont o curing time	xyfloor Hybrid speed electric mixing, mix or 3 minutes until o to the substra 24 hours (over	Primer or Delta al stirrer mixer. Firstly ne set Delta Oxyfloor the mix homogeneous ate by using a paint might) before continued	
	Top Coat	Apply Top coat Delta Oxyfloor PU Top Coat, use a lov electrical stirrer mixer. Firstly stir Base quickly before mix one set Delta Oxyfloor PU Top Coat for at least 3 until the mix is homogeneous. Spread the mixed mate the substrate by using paint roller following the applica Delta Oxyfloor PU Top Coat.			oat, use a low speed uickly before mixing, for at least 3 minutes e mixed material onto ng the application of	
		To obtain perfect surface result on concrete surfaces in case of hardness and abrasion and chemical resistance it is advisable to coat with Delta Oxyfloor UV Hybrid Food Grade/Delta Oxyfloor UV Hybrid Non Yellowing.				
	Brush/Roller	Recommended to use				
	Mixing Ratio	Base : Hardener = 4,5 : 1 by weight				
	Thinner	No Thinning				
	Cleaner/Cleaning Solvent	Delta Thinner Epoxy				
ADDITIONAL DATA Overcoating Intervals Drying/Curing Time	Overcoating	Temperature	25°C 32	2°C		
	Minimum	5 hours 3	- 3,5 hours			
		Maximum				
	Drying/Curing Time	Temperature	Touch Dry	Through Dry	Full Cure	
		25°C	5 hours	1 hour	8 hours	
		32°C	3,5 hour	20 minutes	4,5 hours	
	Pot Life	Temperature	Pot Life			
		32°C	1 hour			







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.