



# PC Seal Coat 500

Elastomeric, Waterproof Coating Based on Cementitious Compound for Concrete Vertical & Horizontal surface.

## General

PC Seal Coat 500 is combination of Selected agents of silica ,cement and polymer addtives. This coating is intended for application wet area such as water reservoirs, swimming pools, water tanks,acidic drainage and similar areas. Suitable for use on vertical and horizontal concrete and masonry surfaces. this product is engineered with excellent crack-bridging capabilities, even in prolonged water exposure scenarios. Additionally, it serves to protect reinforcements and rebar from corrosion and can protect from corrosion of water chemistry .

## Uses

- For waterproofing of vertical and horizontal surface of water-retaining structures.
- To protect concrete from corrosion and dampness by water, carbonation and deicing salts and alkali.
- Suitable for positive and negative waterproofing of internal and external surface wall and floor.
- Suitable for use in wet area waterproofing of portable water tanks , water reservoirs and water piping & tunnels .

## Packaging

PC Seal Coat 500 is combination of two component at ration 1.5 : 1

Part A Powder : 30 kg ( Bags )

Part B Liquid : 20 kg ( Pails )

## Self Life

18 Months from Date of production

## Applications

Surface should be clean and contamination free .

Mix component A & B as per ration of full pack using a suitable electric mixture ,in a slow-speed drill (400 - 600 rpm).

Blend 30 kilograms of powder into a approximately 20 litres of liquid. The quantity of liquid will vary slightly depending upon the application method and ambient conditions. Mix for 3-5 minutes and until a lump-free consistency is achieved. Allow a slake time of 5 minutes and remix for maximum 2 minutes adding powder or liquid when necessary to obtain the correct consistency. Do not exceed the maximum liquid demand. Apply by Brush or Spray Machines. apply as two coat. consumptions : Base coat ~1.2 kg/m<sup>2</sup> & Top coat 1.2 kg/m<sup>2</sup> . ( MS of PC Seal Coat 500 )

## Technical Properties

Appearance	Grey ( Slurry )
Wet Density	1.65-1.68 kg/l , Mix slurry
Tensile Strength	0.4-0.5 Mpa,ASTM D412 28 D
Crack bridging ability	EN 14891 A.8.2 > 0.6 mm
Elongation at break	~180 % (ASTM D412)
Tensile Adhesion	> 0.5MPa EN 14891 A.6.2
Water Impermeability	150 KPa EN 14891 A.7
Water Penetration	No Any , DIN 1048 , 7 bar
Layer Thickness	~1 mm in 1 coats

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All technical data in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. The information, particularly the recommendations relating to the application and end-use of PC-WC products, are given in good faith based on PC-WC's current knowledge and experience of the products when properly stored, handled and applied under normal conditions by PC-WC recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or any other advice offered. The user must test the product's suitability for the intended application and purpose. PC-WC Global FZ-LLC reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery.