ROCK COTE PW

High Chemical Resistance, Non Toxic Epoxy Coating

PRODUCT DESCRIPTION	Rock cote PW is a two component, solvent free, non-toxic epoxy coating with outstanding mechanical and chemical properties.
USES	For heavy duty protective coatings for concrete, wood floors and metal structures, subjected to chemical attack. It is approved for contact with potable water and for food processing and pharmaceutical industries.
ADVANTAGES	Approved for direct contact with potable water. Easy to clean, tough glossy finish. Very good resistance to a wide range of chemicals and corrosive vapours. Non-toxic approved for food contact. Excellent mechanical properties. May be used as part of bridging lamination systems. Produced in several colours. Sewage resistant
Certificate of Approval	For direct contact with drinking water and sewage, issued by The Egyptian National Organization for Water and Sewage.
PRODUCT DATA	Two components (A + B) 10 Kg pails.
Packaging	
Shelf Life	12 months if kept in original packaging in dry condition
Technical Data	1.57 ±0.06 Kg/l
Density	
Solids Content	100%
Flash Point	145°C
Abrasion Resistance	Excellent.
Chemical Resistance	Please refer to chemical resistance table
APPLICATION	(A : B) = (4 : 1) by wt.
Mixing Ratio	
Consumption	3 - 4 m^2 /kg depending upon substrate condition. For a theoretical dry film thickness of 200 micron (0.2 mm) approx. 0.32 kg/m^2
Surface Preparation	Concrete substrate: should be dry, clean and free from loose particles. Steel substrate: Sand blast, grit blast, or any other efficient method and ensure that all traces of rust are removed. Steel should be primed Rock Zinc Rich.
Mixing	Stir the contents of the resin (pack A) to dispense settled components, then add the hardener (pack B) and mix thoroughly until a uniform consistency is obtained
Application Method	By airless spraying or roller or stiffed brush.
Application	Apply first coat of Rock cote PW with a stiff brush or roller to obtain a continuous uniform thickness. Apply the second coat within the re-coating interval to achieve the maximum adhesion between the two coats.
Pot Life at 23°C	40 minutes
Dry to re-coat	Min. 18 hours. Max. 2 days.
Fully Cured	7 days
Cleaning	Tools and equipment's should be cleaned with thinner immediately after use.
Important Notes	Rock cote PW may be applied at temperature down to 5°C. For cold weather application it is recommended to store Rock cote PW in a warm warehouse and only removed immediately before application. Accelerated heating methods are forbidden. Moisture content < 4%. Observe dew point, substrate temperature must be 3°C above measured dew-point.

SAFETY INSTRUCTIONS **Safety Precautions**	- Use goggles, gloves and breathing mask when applying. - Apply forced ventilation in confined spaces. - Skin splashes to be removed with hand cleaner, soap and water. - Eye splashes to be washed with plenty of water. - If ingested seek medical advice.

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