DryTex P2000

Poly Urethane Waterproofing and Protection System

DRYTEX P2000 high performance solvent free polyurethane based protective coating is designed to exceed the ever changing needs of both the industrial and commercial markets for seamless, hygienic and safe trafficable UV resistant roof waterproofing and protection coating. DRYTEX P2000 Heavy duty Polyurethane Systems are Unique as they are specifically formulated to meet the demands of existing and new build fast track projects. It is One-component, heavyduty, exterior/interior, low-VOC, high-solids, polyester aliphatic urethane industrial floor coating. Provides a high gloss, UV stable ,excellent chemical resistance, color retention and chalk resistance .



A range of resin rich floor systems that are moisture tolerant are ideally suited to the most aggressive environments, solvent free, non tainting and fully serviceable at temperatures up to 120° centigrade. DRYTEX P2000 is available in a range of standard systems in coloured finishes which include smooth, textured, terrazzo surfaces and antistatic grades.

Features

- High resistance to abrasion
- High resistance to impact
- Chemical resistance
- Impermeability to liquids
- Crack-bridging
- Slip resistance
- Electrical conductivity
- Weather stability and colour fastness
- Easy cleaning and care
- Good leveling
- UV resistant
- Low VOC

DRYTEX P2000 was designed for use as wear resistant, waterproof membrane on vehicular and pedestrian traffic decks. DRYTEX P2000 is a durable abrasion resistant coating which waterproof and protects occupied spaces below, while isolating the substrate from the destructive forces of gasoline, oil, salts, solvents cleaning compounds and other chemicals commonly found in deck structures.

Typical Properties (Liquid)

MIXED USABLE POT LIFE	30 t0 40 minutes @ (24°C)
SOLID BY VOLUME	100%
DRYTIME TO WALK	8 Hrs @ 25°C
FULL CURE	24 Hrs @ 25°C
VOC	Zero g/L

engineered to perform

Technical Properties

Properties	Test Method	Properties
Tensile Strength	ASTM D412	4 N /mm²
Elongation	ASTM D412	450 %
Tear Strength	ASTM D624	29 KN/m
Hardness	ASTM D2240	60 shore A
Flexibility	Federal test 141A-6221	Passes @-20°C
Crack bridging	ASTM C 836	3mm
Permeability	ASTM E-96	0.5 perms
Water Absorption	ASTM D398	No swelling or softening
Service Temperature		-40°C to 90°C
U.V Resistance	ASTM G53	Excellent
Solar Reflective Index	EN4101998	≥ 88%

Surface Preparation

All surfaces must be clean and free of any moisture, dirt, oil, grease, soapy films, surface chemicals, or other foreign contaminants .Surfaces shall be free of sharp projections, ridges and losses aggregate. The actual surface preparation procedures which are to be followed on a specific project will vary depending upon the age of the concrete, the degree of finishing or troweling, or presence of contaminants or curing compounds.

Coating Application

Through mix DRYTEX P2000 prior to utilizing the material. Apply by brush, roller or airless spray and if required go for the second coat. Successive coats should be applied perpendicular to the previous coat to assure positive coverage and uniform film build. All surface must be uniformly coated and be free from voids, pinholes and blisters. Allow each separate coat of DRYTEX P2000 to dry tack free prior to Appling an additional coat. This will take a minimum of 4 hours.

Coverage

Coverage rates will depend on the profile of the substrate. To obtain a 250micron thickness coat apply DRYTEX P2000 at a rate of 4 sq m per Litre. To obtain a 500 micron thickness coat apply DRYTEX P2000 at a rate of 2 sq m per Litre.

Packing and Shelf Life

5L and 20 L, If stored under covered roof , shelf life will be 18 months.

Safety

Keep out of reach of children. Ensure to maintain good ventilation during application and drying process. In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice. If product is ingested drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria.

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