

HYPERDESMO®-A810

One component, UV stable, High Traffic/Vehicular Traffic Waterproofing Coating

DESCRIPTION

HYPERDESMO®-A810 is a fully aliphatic, one component, polyurethane/polyurea liquid membrane designed for use as a top coat for traffic deck coating system.

The system Build up is

1. Primer (please contact technical department for primer selection)
2. Main waterproofing coating: HYPERDESMO CLASSIC
3. Top coat : HYPERDESMO A810

HYPERDESMO A810 is moisture curing, but due to its curing mechanism will provide a bubble and defect free membrane. It has excellent adhesion to HYPERDESMO CLASSIC, outstanding abrasion and scratch resistance, chemical and hydrolysis resistance. The UV resistance is excellent and the color stability is secure whatever the color.

HYPERDESMO®-A810 is self levelling, with a good viscosity profile over a large temperature range that will cure to form a bubble free membrane that is recommended to be applied in only one coat.

Consumption: 0,5-1 Kg/m² depending on what silica broadcast method is used.

FEATURES & BENEFITS

- Excellent abrasion, impact and UV resistance,
- Excellent mechanical properties, high elasticity, tensile and tear strength.
- Excellent chemical and hydrolysis resistance.

APPLICATION PROCEDURE

Mixing:

Use a low speed (300 rpm) mixer.

Application:

By brush, roller or airless spraying

CONSUMPTION

Minimum consumption ± 1 kg/m².

CLEANING

Clean tools and equipment first with paper towels and then using SOLVENT-01. Rollers will not be re-usable.

PACKAGING

1 kg, 6 kg and 15 kg drums.

SHELF LIFE

Can be kept for minimum 12 months in the original unopened pails in dry places and at temperatures of 5-25 °C. Once a pail has been opened, use as soon as possible.

SAFETY INFORMATION

Contains volatile flammable solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Keep in mind that solvents are heavier than air so they creep on the floor. The MSDS (Material Safety Data Sheet) is available on request.

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TECHNICAL SPECIFICATIONS

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (BROOKFIELD)	cP	ASTM D2196-86, @ 25 °C	4000-6000
Density @ 20 °C	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811	1.3-1,4
Hardness	Shore A	ASTM D2240	95-100
Tensile strength	N/mm ²	ASTM D412	>19 Mpa
Elongation	%	ASTM D412	> 300
Abrasion Resistance	Mg loss	ASTM D6040, CS17 WHEELS, 1000 REVS, 1000 GR	<10
Thermal resistance (100 days @ 80 °C)	-	EOTA TR011	passed
QUV Accelerated Weathering Test	-	ASTM G53	passed (2000 hours)

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