

HYPERDESMO[®]-A610

One component, non-yellowing, elastic, polyurethane liquid membrane

DESCRIPTION

HYPERDESMO[®]-A610 is a fully aliphatic, one component, polyurethane/polyurea liquid membrane. Upon curing it produces a tough but highly elastic non-yellowing membrane. The product has been developed in order to offer a solution when application requires color stability but also application in one coat. This application in one coat is an excellent way to save on labour but also to minimize errors that occur with multi-layer applications due primarily to interadhesion failures.

HYPERDESMO[®]-A610 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.

The product will retain its color stability even when applied in dark colors, and especially when applied white it will have excellent solar reflectance for many years.

Apply using brush, roller or airless spraying.
Consumption: 1,5 – 2 Kg/m²

FEATURES & BENEFITS

- Excellent weather and UV resistance, no yellowing (it is fully aliphatic).
- Low viscosity
- Excellent mechanical properties, high elasticity, tensile and tear strength.
- Highly hydrophobic.
- Excellent chemical and hydrolysis resistance.

APPLICATION PROCEDURE

Mixing:

Use a low speed (300 rpm) mixer. Add SOLVENT-01 10% for application by spraying.

Application:

By brush, roller or airless spraying

CONSUMPTION

Minimum consumption 1.5 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	80
Tensile strength	N/mm ²	ASTM D412	9
Percent elongation	%	ASTM D412	> 600
Thermal resistance (100 days @ 80 °C)	-	EOTA TR011	passed
QUV Accelerated Weathering Test	-	ASTM G53	passed (2000 hours)

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