

HYPERDESMO®-CAR PARK

One component, UV resistant, High Traffic/Vehicular Traffic TOP COAT

DESCRIPTION

HYPERDESMO®-CAR PARK is a fully aliphatic, one component, polyurethane liquid membrane designed for use top coat for exposed car parking deck coating systems with outstanding stain, abrasion and scratch resistance.

Please contact our technical department for the complete method statement and build up details of the HYPERDESMO CAR PARK SYSTEM.

RECOMMENDED FOR

- Top-coating **HYPERDESMO®** on traffic deck systems.
- Top-coating **HYPERDESMO®-POLYUREA-2K-HC** traffic deck systems
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- Top-coating **HYPERDESMO®** on roofs.
- Top-coating **HYPERDESMO®-POLYUREA-2K-HC** on roofs
- Top-coating on light roofing from metal or fibrous cement.
- Main membrane and topcoat application in one single layer (on concrete/steel reinforced concrete or otherwise, on other substrates suitable for **HYPERDESMO®** application).

LIMITATIONS

Not recommended for:

- Unsound substrates

FEATURES & BENEFITS

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

- Excellent chemical and hydrolysis resistance.

APPLICATION PROCEDURE

Please refer to method statement published by Alchimica technical department

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, 15 kg, 25 kg pails.

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.

HYPERDESMO[®]-CAR PARK

TECHNICAL SPECIFICATIONS

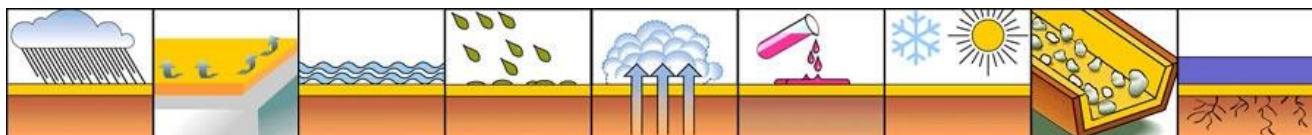
In liquid form (before application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (BROOKFIELD)	cP	ASTM D4287, @ 25 °C	1000-2000
Tack free time, @ 77 °F (25 °C) & 55% RH	hours	-	3-8
Recoat time	hours	-	12-24

In cured form (before application):

PROPERTY	UNITS	METHOD	SPECIFICATION
Service temperature	°C	-	-40 to 90
Max. temperature short time (shock)	°C	-	200
Hardness	Shore A	ASTM D2240/ DIN 53505 / ISO R868	95-100
Tensile strength at break @ 23°C	(N/mm ²)	ASTM D412/ EN-ISO-527-3	>20
Percent elongation @ 23 °C	%	ASTM D412/ EN-ISO-527-3	100
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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Certified quality, environmental and occupational health & safety management systems:
ISO 9001/14001 & ISO 45001.

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