

Weberdry PUR Coat Traffic

Polyurethane-based, wear resistant top coat



Weberdry PUR Coat Traffic is a pigmented, wear resistant, semi-rigid, colour and UV-stable, weather-stable, cold applied and cold curing, aliphatic polyurethane coating used as a top-coat for protection over exposed waterproofing coatings.

PRODUCT BENEFITS



SINGLE COMPONENT



POLYURETHANE BASED



WATER RESISTANT

USES

Weberdry PUR Coat Traffic is for decks and walkways, public pedestrian traffic areas, exposed car park areas and surfaces exposed to heavy wear conditions.

ADVANTAGES

- Provides high sun reflectivity
- UV and colour stable
- Resistant to heavy abrasion
- No chalking effect

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	White, light grey, red
Service Temperature	- 40 to + 90 °C
Tack Free Time	1 - 4 hours (20°C, 50% RH)
Light Pedestrian Traffic Time	12 hours (20°C, 50% RH)
Final Curing Time	7 days (20°C, 50% RH)
Elongation at Break (DIN EN ISO 527)	> 100 %
Tensile Strength (DIN EN ISO 527)	> 5 N/mm ²
Water Pressure Resistance (DIN EN 1928)	15 N/mm
Puncture Resistance (ASTM E 154)	No leak
Surface chalking after 2000h (DIN EN ISO 4628-6)	No chalking observed. Chalking grade 0
Adhesion to Weberdry PUR Seal (ASTM D 903)	> 2 N/mm ²
Shore D Hardness (ASTM D 2240 - 15")	30
UV Accelerated Ageing (EOTA TR-010)	Passed - No significant changes
Hydrolysis	No significant elastomeric change
Chemical Properties	Good resistance against acidic and alkali solutions (5%), detergents, seawater and oils.

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. The surface shall be smooth and moisture content must be $\leq 5\%$. The substrate's compressive strength should be $\geq 25\text{MPa}$ and bond strength $\geq 1.5\text{MPa}$. New concrete structures need to dry for at least 28 days. Old loose coatings, dirt, fats, oils, organic substances and dust need to be removed by a grinding machine or shot-blasting.



Application

Stir well before application. Pour Weberdry Pur Coat Traffic over the cured, aggregate saturated waterproofing membrane (Weberdry PUR Seal). Spread out the coat using a squeegee or airless spray. After 5-6 hours (not more than 36 hours), apply the second layer of Weberdry PUR Coat Traffic with a roller. Weberdry PUR Coat Traffic must always be applied over Weberdry PUR Seal, which has previously been broadcasted with oven dried silica sand or corundum (0.4mm to 0.8 mm).

For optimal results, the temperature during application and cure should be between 5°C and 30°C.

CONSUMPTION

Approx. 400-600 gr/m² @ 2 coat application.

STORAGE & PACKING

Weberdry PUR Coat Traffic is available in 20 kg and 5kg pails. Shelf life of 9 months if unopened, and kept in dry conditions and at temperature between 5°C to 30°C.

HEALTH & SAFETY

In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jun '23)

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