

Weberdry PUR Coat

Aliphatic polyurethane coating



Weberdry PUR Coat is a pigmented, colour and UV-stable, highly permanent elastic, cold applied, cold curing, aliphatic polyurethane coating with a glossy and non-chalking finish.

PRODUCT BENEFITS



ALIPHATIC POLYURETHANE



WATER RESISTANT



ABRASION RESISTANT

USES

Weberdry PUR Coat is for exposed waterproofing on roofs, balconies, terraces, verandas, pedestrian decks, and walkways. It serves as a protection for polyurethane foam insulation.

ADVANTAGES

- UV and colour stable
- No chalking effect
- Excellent abrasion and wear resistance
- High sun reflectivity; thermo-insulation

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	White, light grey, brown-red
Service Temperature	-40 °C to +90 °C
Adhesion to Weberdry PUR Seal (ASTM D903)	≥ 2 N/mm ²
Shore A Hardness (ASTM D2240 (15*))	65
Tensile Strength (DIN EN ISO 527)	3.72 N/mm ²
Elongation at Break (DIN EN ISO 527)	2.68 N/mm ² (After 2000h of accelerated aging)
Resistance to Water Pressure (DIN EN 1928)	289 %
Solar Reflectance (White) (ASTM E903-96)	372 % (After 2000h of accelerated aging)
Hydrolysis	No leak
UV Accelerated Ageing (EOTA TR-010)	93.5 %
Gloss retention (DIN 67530)	No significant changes (5% KOH, 7 days cycle)
Surface chalking (DIN EN ISO 4628-6)	Passed - No significant changes
Tack Free Time	Good
Light Pedestrian Traffic Time	No chalking observed
Final Curing Time	Chalking Grade 0
Chemical Properties	1 - 3 hours (20 °C, 50% RH)
	12 hours (20 °C, 50% RH)
	7 days (20 °C, 50% RH)
	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.

SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18,
Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,
42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.mys.weber

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants. Maximum moisture content should not exceed 5%. Substrate compressive strength should be at least 25 MPa, cohesive bond strength at least 1.5MPa. Old coatings, dirt, and organic substances need to be removed by a grinding machine. Possible surface irregularities need to be smoothed. Do not wash surface with water.



Application

Stir Weberdry PUR Coat well before using. Apply Weberdry PUR Coat by roller, brush, or airless spray in one or two layers. Allow 3 to 6 hours (not more than 26 hours) to cure, between two layers. For optimal results, the temperature during application and cure should be between 5°C and 35 °C.

Weberdry PUR Coat is slippery when wet. During wet days, add some suitable aggregates to the still-wet coating to create a non-slip surface.

CONSUMPTION

Approx. 120 to 250 gr/m² for 1 or 2 layers.

STORAGE & PACKING

Weberdry PUR Coat is available in 5kg pail, 10 kg pail, and 20 kg pail. Shelf life of 9 months if unopened, and kept in dry conditions and at temperature 5°C to 30°C. Keep away from direct sunlight.

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. (Mar '23)



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