

# Weberfloor PUR Topcoat

Two-component, UV stable, polyurethane coating

Weberfloor PUR Topcoat is a high-quality, solvent-based, two-component, UV-stable, polyester-branched polyurethane resin available in colored or clear variants, with gloss, satin, or matte finishing options. It is also offered in smooth and anti-slip textures.



## PRODUCT BENEFITS



**SOLVENT  
 BASED**



**CHEMICAL  
 RESISTANCE**



**ABRASION  
 RESISTANCE**

## USES

Weberfloor PUR Topcoat is for interior and exterior areas with light, medium, and high traffic. Suitable for hard-wearing areas such as industrial and commercial floor and wall, car park decks, warehouse, garages, pedestrian areas, laboratories, clean room, pharmaceutical, refineries, printing pulp paper, mills, bridge-tunnel, roofing, and other industrial plants sectors.

## ADVANTAGES

- Wide range of colours
- Ultraviolet heat resistance
- High chemical resistance
- Excellent abrasion resistance

## TECHNICAL DATA & PHYSICAL PROPERTIES

Density @ 28°C  
 Pot Life @ 30°C  
 Temperature Resistance  
 (EN 13892 - 2)  
 Recoating Time @ 30°C  
 Curing Time

Approx. 1.3 ± 0.05 g/ml  
 2 hours  
 Up to 90°C

5 - 6 hours min; 48 hours max

	20°C	25°C	32°C
Foot Traffic	30 hrs	26 hrs	24 hrs
Light Traffic	72 hrs	60 hrs	48 hrs
Full chemicals cure	10 days	7 days	7 days

Adhesive Strength  
 Water Permeability  
 (Karsten Test)  
 Thickness (DFT)  
 Solids Content (by weight)  
 Relative Humidity  
 Taber Abraser  
 (ASTM D 4060-10)  
 Fire Propagation Index (I)  
 (BS 476: Part 6: 1989 +A1: 2009)

> 1.5 N/mm (Concrete failure)  
 Nil, Impermeable

± 100 µ  
 70 %  
 < 88% RH  
 37 mg

< 2.0

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.saint-gobain.my

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## MIXING RATIO

Pigmented	Part A	Part B	Part C	Clear	Part A	Part B	Part C
Gloss	4	1	0.15	Gloss	3	2	0.15
Satin	4.5	1	0.15	Satin	4	1	0.15
Matt	5	1	0.15	Matt	4.5	1	0.15

For antislip texture, mix in Part C - PUR Topcoat Antiskid Filler 0.15kg.

## PROCEDURE & APPLICATION



### Substrate Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants. The substrate should be free from groundwater pressure and have a compressive strength of  $\geq 25\text{MPa}$  and bond strength of  $\geq 1.5\text{MPa}$ . Prepare the substrate by vacuum shot blasting and mechanical grinding. Remedy cracks and hollows. Prepare grooves 3mm wide x 3mm deep at all edges, bay joints columns, doorways, and drains for anchoring purposes. If substrate moisture is  $>4\%$ , apply Weberfloor EP 550 MS at 4-5mm or Weberfloor CEM MB as a moisture barrier.



### Mixing & Application

Stir Part A for 30 seconds with an electrical stirrer (750-watt high power), then add Part B. For anti-slip, add Part C together with Part B. Mix for 1 minute until a homogeneous mix is achieved. Apply with a roller, brush, or spray. Roll in one direction and back roll with a wide short-pile mohair roller.



### Care & Maintenance

Regular cleaning and maintenance will prolong the life of Weberfloor PUR Topcoat. Regular cleaning using a single or double-headed rotary scrubber with alkaline detergent is recommended.

## CONSUMPTION

Approx. 0.14 kg/ m<sup>2</sup> per 2 coats application.

## PRECAUTION

Do not apply when the relative humidity exceeds 90% or when the surface temperature to be coated is  $<5\%$  above the dew point. Do not apply when temperatures are  $<5^{\circ}\text{C}$  and  $>40^{\circ}\text{C}$ .

## STORAGE & PACKING

Weberfloor PUR Topcoat is available in 5 - 6 kg sets. (Please refer to table for breakdown.) Shelf life of 12 months if unopened, and kept in dry and cool conditions.

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## HEALTH & SAFETY

Wear protective clothing, gloves, and goggles during mixing and application process. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medical attention if irritation persists. 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 reserves the rights to amend the contents of the data sheet at its sole discretion. (Feb'24)

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