

# Webertec EP Line

Solvent-free, epoxy coating for potable water tank lining

Webertec EP Line is a two-component, solvent-free, non-toxic, coloured epoxy coating designed specifically for potable water tank and surface lining applications. It boasts abrasion resistance and a glossy finish, and is available in an extensive array of colours.



## PRODUCT BENEFITS



**VARIOUS COLOURS**



**CHEMICAL RESISTANT**



**EASY TO APPLY**

## USES

Webertec EP Line is for use in sectors such as swimming pools, trolleys, water tanks, bunds and water plants, waterwheels, refineries, and other industrial plants where chemical resistance is required.

## ADVANTAGES

- Solvent free, low odour
- High chemical resistance
- Hygienic, easy to clean.
- Abrasion resistance
- Hard wearing floors finish
- Seamless

## TECHNICAL DATA & PHYSICAL PROPERTIES

Pot Life	30 mins
Density @ 28°C	1.40 ± 0.05g/ml
Adhesive Strength	>1.5 N/mm <sup>2</sup> (concrete failure)
Tensile Strength	15 N/mm <sup>2</sup>
Compressive Strength @ 28 days	50 N/mm <sup>2</sup>
Flexural Strength	35 N/mm <sup>2</sup>
Shore D Hardness	75 ~ 80
Temperature Resistance	Up to 80°C
Water Permeability (Karsten test)	Impermeable
Cytotoxicity	Below < 0.5
Taber Abraser (ASTM D 4060 -10)	64mg
Dissolved Oxygen Difference (BS 6920: Part 1:2000)	<2.39 or less
Recoating Time @ 28°C	Min. 10 hours
Curing Time	

	15°C	25°C	32°C
Human Traffic	24 hours	20 hours	18 hours
Light Traffic	36 hours	30 hours	24 hours
Full chemicals cure	10 days	7 days	7 days

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 clean, sound, and free from any laitance, oil, grease, and any contaminants. Substrate concrete or screed should have a compressive strength of more than 25N/mm<sup>2</sup> and adhesive pull-off strength more than 1.5N/mm<sup>2</sup>. The substrate should be dry and free from ground water pressure. If substrate moisture exceeds 4%, apply Weberfloor EP 550 MS (epoxy mortar), or apply Weberfloor CEM MB as a moisture barrier. Prepare the substrate by vacuum shot blasting or mechanical grind. Remedy the cracks and hollows. Prepare grooves 3 mm wide x 3 mm deep at all edges, bay joints columns, doorways, and drains for anchoring purposes.



### Mixing

Stir Part A of Webertec EP Line for 30 seconds by using a suitable electrical stirrer (750 watt high power). Then add Part B (hardener), and mix both liquid parts thoroughly for 2 minutes until homogenous.



### Application

Apply Weberprim DP @ 0.2kg/m<sup>2</sup> as a primer to seal the substrate's porosity. Allow Weberprim DP to cure for 8 to 14 hours. Then apply Webertec EP Line with a brush or a roller within the pot life of 30 mins. Recommended to apply 2 to 3 coats.



### Care and Maintenance

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

## 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°C and >40°C.

## CONSUMPTION

Approx. 0.17 kg/ m<sup>2</sup>/coat.

## STORAGE & PACKING

Webertec EP Line is available in 5 kg sets (Part A - 4 kg + Part B - 1 kg). Shelf life of 12 months if unopened, kept at temperatures of 10°C to 30°C.

\*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. (Jul '23)

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