

Webertec EP CTE

Two components, coal tar epoxy

Webertec EP CTE is a two-component, epoxy, and polyamide-cured, high-solid coal tar epoxy coating for the protection of steel and concrete in immersion and underground structures.



PRODUCT BENEFITS



WATER RESISTANCE



CHEMICAL RESISTANT



EASY TO APPLY

USES

Webertec EP CTE is used for corrosion protection in intermittent or continuous immersion on marine structures, tanks lining, piling, piers, sumps, barges, and tanker carrying sour crude, petroleum products. It can also be used for saltwater ballast as a heavy-duty coating for steel and concrete surfaces in sewage treatment plants, paper mills, chemical plants, ship bottoms, and bridges, etc.

ADVANTAGES

- Easy application
- Flexible and smooth finish
- Excellent abrasion resistance
- Excellent chemical and water resistance

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Black
Finish	Satin, Matt
Temperature Resistance @ 7 days	95°C (continuous), 140°C (intermittent)
Solid Content (mixed)	Approx. 79% ±
Dry Film Thickness	200µ - 400µ
Pot Life @ 30°C	2 hours
Recoating Time	Within 12 hours to 72 hours
Curing Time	18 hours @ 25°C, 14 hours @ 32°C
Fully Chemical Cure	7 days
Elongation Range (ASTM D522-93a)	46 % (mean film thickness : 320µm)
Abrasion Resistance (ASTM D4060-07)	0.075g
Adhesive Strength	> 1.5mp (concrete failure)

Webertec EP CTE conforms to U.S. Corps of Engineers formula C-200 (SSPC Paint 16).

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.

CONSUMPTION

Approx. 4 m²/litre @200µ dft.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants.



Mixing

Stir Part A using a suitable electrical stirrer (400rpm, 750 watt high power mixer). Then pour all of Part B into Part A and continue to mix for 2-3 minutes until fully homogenous. Recommend to apply Webertec EP CTE in 1 or 2 coats. Webertec EP CTE can be applied at a thickness of up to 300 μ in a single coat application.

CHEMICAL RESISTANCE

Exposure	Immersion	Spillage	Fumes
Acids	Very Good	Excellent	Excellent
Alkalies	Very Good	Excellent	Excellent
Solvents	Good	Very Good	Excellent
Salts	Excellent	Excellent	Excellent
Water	Excellent	Excellent	Excellent

CLEANING

All tools and equipment should be cleaned immediately after use with thinner. Hardened material can be removed mechanically.

STORAGE & PACKING

Webertec EP CTE is available in 20 litres sets (Part A - 16 litres pail + Part B - 4 litres pail)
Shelf life of 12 months if unopened, kept at temperatures of 10°C to 30°C.

HEALTH & SAFETY

Wear protective clothing, gloves, and goggles for precaution purpose. Ensure good ventilation, if not, a portable exhaust fan shall be used.

*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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