

2 Comp. Epoxy Top Coat, Selflevel, Solvent Free, Coloured.

1 General Data

Area of Use

CP-T560 is used as concrete protection and surface coating for commercial floors with high mechanical and hygienic demands (1 – 3mm) system such as warehouses, Stores, power stations, laboratories, production plants Pharmaceutical manufacturing Electronic assembly Plants TV Station Showroom and others.

CP-T560 is also used as a carrier material for non-slip scattered-on coatings.

Product Description

CP-T560 is a coloured, ready-to-use 2-component epoxy resin self-levelling coating compound. CP-T560 produces tough, joint-free, easy to clean, non-porous, seamless, floor coating layers, which designed for heavy vehicular and pedestrian traffic. The coating exhibits a high level of resistance to fuels, chemicals, solvents and lubricants. In general epoxy resins are not colour stable if exposed to UV light. We recommend UV resistance coating.

Benefits

- CP-T560 Epoxy Resin Base.
- Self-levelling & Smooth Finish.
- Solvent free, Low odour.
- Easy to clean & maintain.
- Glossy, Flat floor Surface.
- Hygienic, Highly chemical resist.
- Abrasion/impact resistant.

Maintenance

In order to retain the quality of the synthetic resin flooring for a long time we recommend the use of a regular base cleaning agent.

Note

The characteristic data are approximate values calculated by us. They do not represent warranted characteristics. Consequently, no liability claims of any kind may be derived from the Technical Data Sheet.

(A) Technical Data

Liquid mixture (A+B)

1. Solids content	98 %
2. Solvents / additives	2 %
3. Density (20°C)	1.45 g/cm ³
4. Viscosity (20°C)	2000–3000 mPas
5. Packaging size (2-component container)	25 kg (A 21.72kg, B 3.28kg)
6. Colours	CP CRETE stander colour chart, other colours upon request
7. Shelf life / storage	12 months at 15–20°C

(B) Technical Data

Cured material

1. Bending tensile strength (DIN EN 196 / ASTM C 190)	40 N/mm ²
2. Compressive strength (DIN EN 196 / ASTM C 109)	65 N/mm ²
3. Adhesive pull strength (DIN ISO 4624)	> 2.5 N/mm ²
4. Abrasion resistance (DIN 53754 / ASTM D 1044)	80 mg/1000 cycles
5. Shore-D hardness (DIN 53505 / ASTM D 2240)	80
6. Light-fastness (DIN EN ISO 105-B02)	6 (scale 1–8, 8=best)

Manufacturer:

CP Crete Sdn Bhd, 41 Jalan Anggerik Mokara 31/63, Seksyen 31, Kota Kemuning, 40460 Shah Alam, Selangor, Malaysia.
Tel. +603 5121 7835 / 6, Fax +603 5121 7832

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2 Processing Instructions

Substrate Preparation

The substrate must be firm clean and free of dust and loose particles and oil. All traces of contaminants such as oils, fats, greases, paint residues, chemicals, algae and laitance should be removed. Wet areas shall be dried with a blow torch. Moisture content must not exceed 4 CM %. Depending on the desired levelness, CP-T 560 is poured directly onto the primer or onto an EP levelling layer (CP-L410). The coating layer CP-T560 must be applied at the latest 24 hours after the previous layer has been laid.

Processing

The A-component must be stirred for 2 minutes. Then the entire content of the B-component is emptied into the A-component. The two components are homogeneously mixed for at least 2 minutes using a suitable electric stirrer. The inclusion of air in the stirring process must be avoided. CP-T560 is poured onto the surface and spread over the entire area in the desired thickness using a spatula (tooth size no. 25). To achieve uniform thickness, the tooth rows of the spatula should be regularly inspected and replaced. For the production of scatter or flakes coatings the broadcast-casting over the entire surface must be done within the processing time.

Second Layer

If require the second layer within 24 hours after application the layer need not be sanded. Reworking after that is only possible after sanding it carefully.

Health & Safety

Appropriate health and safety advice can be found in the Material Safety Data Sheets. Users are advised to wear gloves and eye protection when mixing or applying CP-T560.

Possibilities for layering and detailed information about the application of CREATIVE products can be found in the CREATIVE Technical Guide.

(C) Technical Data

Liquid mixture (A+B)

1.	Mixing ratio A : B	100 : 20
2.	Working time (20°C)	20–25 min.
3.	Application temperature	15–25°C (min. 3°C above dew-point)
4.	Material consumption	1700–1900 g/m ²
5.	Can be walked on (20°C)	after approx. 24 hours
6.	Consecutive layers (20°C)	within 12–24 hours.
7.	fully capable of withstanding stress mechanical (20°C) chemical (20°C)	after 7 days after 28 days

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