

Two Components, High Build, High Volume Solids, Epoxy Floor Coating

PRODUCT

DESCRIPTION

- Durable, wear resistant topcoat.
- Impervious, flexible film.
- Excellent flow & leveling giving self-leveled finish.
- Wide spectrum chemical resistance.
- Attractive, easy to clean and maintain.
- Odorless and safe to apply.
- Easy Clean Floor Coating for food processing plants, Soft Drink Bottle plants, Seamless Automotive Plants, Production Floor Warehouse's, Car Parking & Chemical Plants

DESIGNED USE

- Easy clean floor coating for food processing plants, soft drinking bottling plants.
- Seamless automotive plants, warehouses, car parking & chemical plants.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	96 ± 2 %
TYPICAL DRY FILM THICKNESS	200 – 300 microns
THEORETICAL COVERAGE	3.20 – m ² /kg @ 200 microns dft 2.10 m ² /kg @ 300 microns dft .
COLOUR	Range
FINISH	Glossy

APPLICATION DETAILS

METHOD OF APPLICATION: The product may be applied by brush or roller. The coverage would vary significantly based on the nature of the concrete surface. Two coats of the product are recommended to achieve an optimum dry film thickness of 400 - 600 microns.

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Full Cure	Recoating Interval		Pot Life
				(Min.)	(Max.)	
25°C	6 Hrs	24 Hrs	7 Days	24 Hrs	5 Days	45 Mins
35°C	3 Hrs	16 Hrs	5 Days	16 Hrs	3 Days	30 Mins
45°C	1.5 Hrs	12 Hrs	3 Days	12 Hrs	2 Days	15 Mins

NO. OF COMPONENTS

Two

Mixing Ratio

78 parts Base to 22 parts Hardener (by weight)

Application Conditions

Do not apply this product if the Relative Humidity exceeds 85% or the substrate temperature should be at least 3°C above dew point but not above 50°C

ADDITIONAL INFORMATION

Thinner / Cleaning solvent	Apcodur Epoxy Thinner/ Thinner- 141
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed 28°C
Packaging	4 Kg and 16Kg
Shelf Life	12 months

APCOFLOR TC 510

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SURFACE PREPARATION

- A sound, clean and dry substrate is absolutely essential for successful coating application and in ensuring maximum bonding between the substrate and coating system.
New concrete surface must be a minimum of 28 days old, free from curing compounds and sealers and have a moisture content less than 5 % prior to application of the primer.
- The surface can be prepared mechanically using sand blasting, shot blasting or scarifier or by acid etching with hydrochloric acid followed by through water wash and wire brushing should be last option where method mentioned earlier cannot be applied. Acid etching should be carried out in compliance with local health and hazard regulation and should be necessarily supervised by skilled person. The choice of surface preparation should be determined by the extent and nature of contamination present on the concrete surface and traffic load. All dust present must be removed by vacuum pump.
- After applying suitable Epoxy primer, all cracks present, based on the depth of the crack, should be filled either epoxy putty or mortar. Expansion joints should be brought up through the coating.

MIXING

- Stir the base and hardener separately. If settling is observed in the base or hardener, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogeneous mixing. Mix hardener gradually into the base under continuous stirring as per stated mixing ratio. Apply after induction time (3 mins) and before expiration of pot life.

PRODUCT USE RESTRICTIONS

- Generally recommended for interior use.
- Application method and higher drying temperature may affect the colour of the coating.
 - As common with all Epoxy products, this product also will tend to discolour and chalk on exposure to direct sunlight
- Not suitable for rising damp.

SAFETY PRECAUTIONS

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray.
- This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire – blanket flames with foam, carbon dioxide or dry chemicals
- Refer to MSDS for further information.

FIRST AID

- Eyes: In the event of accidental splashes, flush eyes with water immediately and obtain medical advice
- Skin: Wash skin thoroughly with soap and water or approved industrial cleaner.
- DO NOT USE solvent or thinners.
- Inhalation: Remove to fresh air, loosen collar and keep patient rested.
- Ingestion: In case of accidental ingestion, DO NOT INDUCE VOMITING.
Obtain immediate medical attention

DISCLAIMER

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.