BERGER PAINTS **PROTECTIVE COATINGS**

APCOFLOR SL 2

Three Components, 2 mm Self Leveling Epoxy Floor Coating

PRODUCT DESCRIPTION

- Self leveling coatings with excellent flow & leveling characteristics.
- Provides a hygienic and dust free environment.
- Hard wearing and chemical resistant.
- Attractive, easy to clean and maintain.

DESIGNED USE

- Seamless floorings for showrooms, business centers, malls
- Easy clean coating to kitchen and poultries,
- Pharmaceutical units, food processing plants and chemical plants.

PHYSICAL DATA

VOLUME SOLIDS (Based on ASTM D2697)	100 %
TYPICAL DRY FILM THICKNESS	2 mm
WET FILM THICKNESS	2 mm
THEORETICAL COVERAGE	0.3 m^2/kg @ 2 mm dft
COLOUR	Selected Range
FINISH	Glossy

APPLICATION DETAILS

METHOD OF APPLICATION :

APPLICATION	The product may be applied by a serrated/ smooth trowel to the required thickness. The entire mixed material should be poured onto the primed surface and spread slowly and evenly. To ensure proper leveling and appearance avoid overspreading. The laid material should be rolled firmly with a spike roller to ensure compactness and de-aeration of the film. To avoid roller marks prevent over rolling of the coating. The coverage would vary significantly based on the nature of the concrete surface.

DRYING TIME:

Surface Temperature	Touch Dry	Hard Dry	Full Cure	Pot Life
30°C	4 Hrs	16 Hrs	5 Days	30 Minutes

NO. OF COMPONENTS	Three
Mixing Ratio (Base to aggregate ratio would vary as per shade)	86 parts (Base + Aggregate) to 14 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	Solvalux 7-45
Storage Instruction	Store in a cool shaded dry area
Flash Point	Mixed less than 28°C
Packaging	7 Kgs. and 14 kgs.
Shelf Life	12 months

Protective Coatings Sales & Service Bahrain Tel 17123700 Fax 17730689

APCOFLOR SL 2

Three Components, 2 mm Self Leveling Epoxy Floor Coating

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 by scarifier. 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 Apcoflor FP 100 primer/ Apcoflor HFP120/ Apcoflor solvent free 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

- A suitable power driven mixer/ stirrer is recommended for uniform mixing of the self leveling coating. Stir the base and hardener separately. Mix hardener gradually into the base under continuous stirring as per stated mixing ratio. Continue the mixing for 3 – 4 minutes. Mix the aggregates into the mixed resin portion uniformly under continuous mechanical agitation. Mix well for 5 – 6 minutes till the components become homogeneous. Apply 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.
- Does not cure below 10 Deg.C.

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.

Protective Coatings Sales & Service Bahrain Tel 17123700 Fax 17730689