

TECHNICAL DATA SHEET

EPOCOAT FC

Epoxy Based Floor Coating

PRODUCT DESCRIPTION

EPOCOAT FC is a two-component, polyamide-cured epoxy glossed floor coating formulated from carefully selected, highest-grade epoxy resin and curing agent manufactured under strict quality control standards. The cured film forms a hard but flexible coating with excellent adhesion to clean concrete, steel, and wooden surfaces with impervious finish which is easily cleaned.

CUSTOMER BENEFITS

- Durable, hard-wearing surface with excellent abrasion resistance and adhesion to substrates.
- Easier to clean resulting in low maintenance costs
- Attractive as available in a range of colors to improve the working environment

RECOMMENDED FOR

- Storage tanks
- Marine vessels and structures
- Equipment for mining, chemical, textile, food, power, fertilizer, sugar and others
- Production areas
- Warehouses
- Gasoline station and others

INSTRUCTIONS FOR USE

APPLICATION

Surfaces must be dry and free from oil, grease, and other contaminants. It should be primed with a compatible primer i.e., **EPOCOAT MB**. It can be applied by brush, roller, and conventional spray or by airless spray equipment.

To paint over a previous coat, it is necessary to sand it lightly to provide a good toehold for the next coat. For steel, it is recommended that steel surfaces be sandblasted.

MIXING

Stir thoroughly the base component prior to the addition of the catalyst. Use a powerful mixer to attain a homogeneous mixture. Allow 15 minutes of induction time before application.

PHYSICAL PROPERTIES

UNCURED STATE

Pot life	:	1 hour
Tack-free time	:	1 ½ – 2 hours
Curing time	:	Set to touch in 2 hrs. Ready to recoat in 8 hrs.
Solid Content	:	45-48% by volume
Mix ratio	:	3 parts resin base 1 part catalyst
Chemical resistance	:	Excellent to oil, solvents, alkalis and dilute acids

CURED STATE

Test	Results	Standard
Compressive strength	1,860 psi, 7 days	ASTM D695-15
Abrasion resistance	40 mg loss at 2,000 cycles, 60 rpm	ASTM D4060-10
Pull-off Tensile strength	234 psi, 7 days	ASTM D4541-17
Impact resistance	36 inches height at 1 kg weight	ASTM D6905-03 (2012)
Slip resistance:		ANSI/NFSI BIOI.I-2022
Wet	0.62 cof	
Dry	0.28 cof	
Shore hardness	73.64 Shore D	ASTM D2240

COVERAGE

7-8 sqm @ 200 microns per 3.8 kg/set

Note: Since application conditions vary greatly due to substrate porosity, quality of surface preparation, application thickness, and wastage; factors, and figures may vary from those shown above.

PACKAGING

EPOCOAT FC is available in 3.8 kg/set.

STORAGE

EPOCOAT FC has a shelf life of 36 months if stored in a dry cool place unopened.

TECHNICAL DATA SHEET

EPOCOAT FC

Epoxy Based Floor Coating

HEALTH AND SAFETY

EPOCOAT FC is highly combustible. Keep away from heat and open flame. Keep containers closely tight. Work areas must be adequately ventilated, avoid prolonged breathing of its vapors, and wear gloves to avoid contact with skin.

Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

WARRANTY AND DISCLAIMERS

The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.