

IMT-EP01

EPOXY FLOOR COATING

PRODUCT DESCRIPTION

IMT-EP01 Epoxy Floor Coating is a two components, non-solvent, medium flow, self leveling and VOC compliance coating designed for in-house & external environments. This epoxy material produces a tough, glossy coating on ferrous, non-ferrous metals, concrete, vinyl, plastic and wood.

ADVANTAGES

- No odor. Zero out-gas
- Long working time
- 100% solid system
- No primer is required
- Medium flow
- Solvent & oil resistance
- Fewer coats to achieve desired film thickness

USES

- Industrial & warehouse floorings
- Water tank linings
- Protection of concrete and steel structures

PACKAGING

20Kg set (17.39L) consists of the followings:
 Part A Resin = 13.33Kg per 20L Pail
 Part B Hardener = 6.67Kg per 10L Pail
 * Other packing size available upon request.

WORKING LIFE

Approximately 30 to 45mins after mixing Part A and Part B homogenously.

SHELF LIFE

Two years in tightly closed, properly sealed packaging when stored in dry conditions.

TYPICAL PROPERTIES

Color before & after Cure	Gloss light gray
Consistency	Highly Flowable
Specific Gravity (Premixed)	1.15
Viscosity (Premixed) @ 25°C	≤ 400cPs
Curing Properties @Ambient	
Initial (touch dry)	6 hours
Final	4 to 5 days
Mix Ratio by Weight (Part A : Part B)	2:1
Mix Ratio by Volume(Part A : Part B)	1.7:1
Operating Temperature	Max. 60°C

APPLICATION GUIDELINES

SURFACE PREPARATION: All surfaces in contact with epoxy coating must be free of oil, grease and other contaminants. Concrete must be clean, sound and dry to ensure a good bond.

MIXING: Firstly, mix Part A Resin for about 3 to 5 mins by hand with paddle until pigment is evenly distributed. Next, pour Part B Hardener into Part A Resin. Mix 3 to 5 minutes thoroughly by hand with a paddle or slow speed drill with low speed mixing blade to avoid air entrapment. Continue mixing for a few minutes until obtaining a homogeneous mix.

THINNING: Never thin.

APPLICATION: By paint brush and lint-free roller. Film thickness of estimated 0.15mm per coat. For normal load usage, film thickness of 0.3 to 0.45mm is recommended.

CLEAN UP: All tools and equipment must be cleaned with acetone or isopropyl alcohol or M.E.K. before material hardens.

FIRST AID: In case of skin contact, wash immediately with plenty of soap and water.

CAUTIONS: Please refer to product SDS for health, safety and environmental recommendations.

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