

am EPOXICOTE 402F

DESCRIPTION

am EPOXICOTE 402F is a high performance developed 2 component, water based epoxy coating to provide an easily cleaned surface, which is resistant to many common oils and liquids, with excellent adhesion to concrete and cement/sand screeds. Particularly suitable for wall/floor applications in garages, warehouses, light industry, kitchens and other areas subject to light vehicle and pedestrian traffic.

Recommended as the waterproof lining for the water feature such as aquarium tank, septic tank, civil wastewater tank...etc.

Product applied to form a dust free, joint less, semi-gloss finishing and available in a wide range of attractive colors.

FEATURES AND BENEFITS

Area of use are light duty industrial for process where the floor is subjected to pallet tuck, trolley and fork lift traffic areas, car park deck, include laboratories, electronic and clean rooms, automotive assembly, aircraft hangar, garages, pharmaceutical, printing pulp paper, mills, refineries and other industrial plants sectors where chemical resistance and required.

- Seamless, monolithic application.
- Hygienic, easy to clean.
- High chemical resistance to wide range of chemicals.
- Abrasion resistant, against light traffic and trolley movement.
- Hard wearing floors finish.
- Wide range of colors.

SUBSTRATE PREPARATION

Substrate concrete or screed should be a minimum of compressive strength 25MPa and adhesive pull-off strength of minimum 1.5MPa. The substrate should be clean and free from laitance, oil, dust, loose constituents, paint residues, chemicals, algae and other contamination should be removed. The substrate should be dry and free from ground water pressure. The substrate must be prepared by vacuum shot blasting, rough contaminations to remove by grinding. Cracks and hollows should be properly remedied. If the relative humidity (RH) of the substrate is in excess of 75% **am** EPOXICOTE 407MT must be applied.

PRIMING

Please refer to **am** EPOXICOTE 402P technical datasheet or **am** EPOXIPRIMER 401MT.

COLOR

am Color Chart.

FINISHING

Semi-Gloss.

MIXING

Stir Part A mix for 30 seconds by using a suitable electrical stirrer (with 750 watt High power mixer), then add all of Parts B (Hardener) and mix both liquid parts thoroughly for 2 minute until it fully achieved a homogeneous.

Mixing ratio by weight

Part A : Part B = 4 : 1

INSTALLATION

am EPOXICOTE 402F must be applied in 2 coats. Product can be applied to prepared surface, using brush or short/medium pile roller. For a porous or high absorbent surface: 5-8% of clean water can be added for 1st coat and 3-4% for 2nd coat.

TEMPERATURE CONDITIONS OF INSTALLATION

- Do not apply when the relative humidity exceeds 80% RH on when the surface to be coated is less than 5% above the dew point.
- Do not apply temperatures below 5°C and temperatures above 40°C.

CLEANING

Clean all tools and equipment immediately with water after use.

MAINTENANCE AND CARE AFTER CURE

We recommend basic cleaning and maintenance will prolong the life of epoxy floors, clean regularly using a single or double headed rotary scrubber drier in conjunction with alkaline detergent.

SPECIFICATIONS	
Colour	am Color Chart.
Number of Coats	2
Density (28°C) (mixed)	1.25 ± 0.05 g/cm ³
Solid Content (mixed)	57 ± 5 %
Bond strength	>1.5 Mpa (Concrete failure)
Cross-cut test	Point 1
Mixing ratio	4 : 1 by weight
Pot life (working time) at 30°C	30 min
Recoating time (28°C)	within 4 to 6 hours
Packing Size	20 kg
Material consumption (mixed)	6 - 8 m ² /kg/coat
Application Thickness D.F.T.	50 µm

Curing time:	15°C	25°C	32°C
Human Traffic	24 hours	20 hours	18 hours
Light Traffic	36 hours	30 hours	24 hours
Fully chemicals cure	10 days	7 days	7 days

PACKAGING

20 kg/set.

Part A: 16 kg, Part B: 04 kg.

STORAGE

Storage in shade and dry condition. Avoid from sunlight, UV, frost, water, moisture and high temperature.

SHELF LIFE

06 months if kept in proper storage area follow instructions.



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