

MULTIPOX MX-99

No. TD : M-005
Revision : 01
Effective Date : 24/02/2020

MULTIPOX MX-99 is a two component solvent based epoxy enamel with high resistant to abrasion and good adhesion to concrete rendering steel, GRC panel, gypsum board, asbestos cement, steel, fiberglass, plastic, wood, etc.

This product has good resistance against petrol, oil, mild chemical, salt, water but not to acid or strong solvent, etc.

A tendency to chalk and yellowing in outdoor exposure does not detract from the protective properties.

USES

This product is suitable for multi purpose coatings for many various substrates.

ADVANTAGES

- 2 component high quality epoxy resin
- Resistant to household chemicals
- Excellent adhesion
- Excellent resistance to abrasion
- 12 choices of decorative colors in addition to clear
- Easy application

PRODUCT DATA

Type	:	Two component epoxy enamel
Color	:	As shown in the color card
Finish	:	Glossy
Solid by volume (mixture)	:	60 %
Specific gravity (mixture)	:	1.20
Material consumption	:	5.0 m ² /lt (100 microns)
Flash point	:	21°C
Drying time	:	
▪ Surface dry	:	30 minutes (30°C)
▪ Touch free	:	4 hours (30°C)
▪ Hard dry	:	10 hours (30°C)
▪ Full cure	:	7 days (30°C)
Packaging	:	1 lt. set (included thinner),
Storage stability	:	One year if stored cool and dry and in original not opened boxes (Do not store below freezing point)

APPLICATION

Mixing ratio (by volume)	:	Comp A : Comp B = 2 : 1
Pot life	:	5 hours (30°C)
Thinner	:	Thinner Epoxy
Application method	:	Brush / Roll, Air Spray
Thinning ratio by weight	:	10 % to 30 %
Wet film thickness	:	170 microns or 6.8 mils

Dry film thickness	:	100 microns or 4.0 mils
Recommended dry film thickness	:	2 x 100 microns (200 microns or 8.0 mils)
Re coating interval	:	Minimum 6 hours (30°C), Maximum 7 days (30°C)
Temperature	:	Minimum 10°C, Maximum 50°C
Humidity maximum	:	80 % RH

Provide adequate ventilation during application and drying.

SURFACE PREPARATION

Age of concrete must be more than 28 days and water content is less than 5 %. The surface to be coated must be clean and dry. Remove dust, dirt, mud, oil, grease and loose material with appropriate method

For optimal use on steel where good resistance to corrosion is needed, it is recommended to apply Epoxy Primer **METALKOTE EDP-551** as preceding coat.

RECOMMENDED COATING SYSTEM

Preceding coats	:	POLYFLOOR PFP-261 or METALKOTE EDP-551 (For use on steel)
Subsequent coats	:	-

Notes: This product can be applied without sealer / primer / preceding coats for porous concrete surface.

SAFETY PRECAUTIONS

This product does not contain any material with heavy metals such as lead. Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves. Use barrier cream. This product is flammable. Do not smoke. Use only explosion proof equipment. Do not breathe vapor or spray.

First Aid:

Skin contact	:	Wash off thoroughly with plenty of water immediately. If irritation occurs, seek medical advice.
Eye contact	:	Rinse immediately with plenty of clean water. Seek medical advice.
Inhalation	:	Remove person to fresh air, loosen collar and avoid exertion. Keep patient rested and gives artificial respiration.

CLEANING

MULTIPOX MX-94 should be removed from tools and equipment with PROPAN epoxy thinner immediately after use. Hardened material can only be removed mechanically