

EPOFLO MTX

HIGH STRENGTH EPOXY MORTAR

Product Description

Epoflo MTX is a solvent free, multi-purpose three components epoxy mortar for installing new floor, repairing damaged floor and resurface.

Epoflo MTX provides a high strength, hard-wearing surface, impact and abrasion resistance floor.

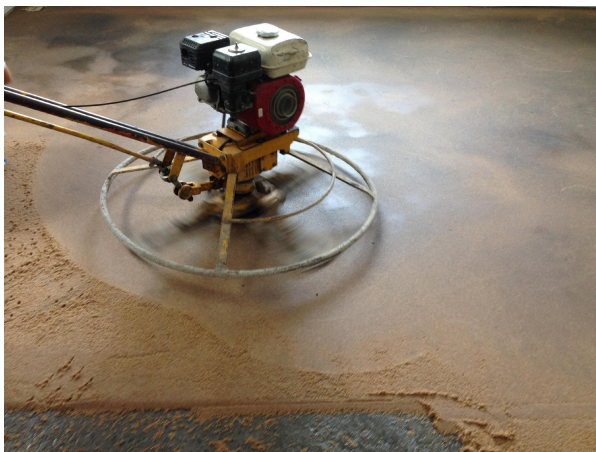
Application thickness: from 4mm to 10mm one time.

Uses

- **Epoflo MTX is ideal for installed new, repairs and resurfaces to Factory, warehouse, driveways, garage floors, steps, loading bays, bridge bearing pads, cold storing etc...**

Features and Benefits

- **Excellent bond to most surfaces**
- **Low odour**
- **Variable surfaces from non-slip to smooth**
- **Good troweling properties**
- **May be feather edged**
- **Ideal for use indoors or outdoors**
- **Excellent waterproofing, damp-proof and chemical resistance**



Technical Data

Appearance	3 components
Flammability	Non flammable
Curing properties	
Working time at 25°C	60 minutes
Tack free at 25°C	8 hours
Initial drying time	9 hours
Full curing time	After 24 hours
Physical properties (25°C)	
Compressive Strength ASTM D-695 7 days 14 days	Mpa > 30 > 50
Tensile Strength ASTM D-638	> 12 MPa (14 days)
Flexural Strength ASTM D 348 7 days 14 days	Mpa > 20 > 25
Slantshear Strength ASTM C 882 2 days 14 days	Mpa > 16 > 18
Shelf life	At least 12 months in the original sealed packing.
Coverage	Approx. 2,2 kg /m ² / 1mm.

Storage

Epoflo MTX should be stored in a cool, dry place, preferably in the sealed original packing, at temperature between 2°C and 40°C.

The products should not be stored exposed to direct sunlight.

Safety and Handling Precautions

When handling, does not eat, drink, or smoke. Wear rubber gloves and boots, face shield, eye goggles and protective clothing should be worn when applying. Avoid contact with eyes and skin.

APPLICATION INSTRUCTIONS

Surface Preparation

The surface must be structurally sound, free from oil, grease and other forms of contamination. Concrete should be surface dry and suitably prepared either by scrubbing or grit blasting to remove any surface laitance. Steel surfaces should be grit blasted to remove all rust and scale.

Priming

Surfaces must be primed with epoxy primer **Epokote 618 or 619** prior to the application of **Epoflo MTX**.

The primer should be applied so that the surface is thoroughly wet, ensuring there is a continuous film of resin over the surface. Particular attention should be paid to cracks. A nominal 500 microns of resin should be applied to exposed reinforcement.

Epoflo MTX should be applied between 20 minutes and 1 hour after application of the primer, whilst the primer is still tacky.

Mixing

Epoflo MTX comprises three components, a resin base, hardener and aggregates, which are supplied, pre-weighed in the correct proportions.

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the HARDENER container into the RESIN container. Using a mixer attached to a slow speed electric drill, mix for approximately 2 minutes until a uniform consistency is obtained. The resin mixture should then be transferred to a separate container or forced action mixer such as a rectangle type mixer and the filler gradually added and mixed for a further 2 minutes or until the filler has thoroughly wetted out and a uniform consistency obtained.

Important: Mixing **Epoflo MTX** by hand can lead to areas of uncured material.

Application

The **Epoflo MTX** should be applied by first tamping and followed by troweling before the primer has hardened. The mortar should be applied in successive layers not exceeding 25mm, each layer being well compacted before each application of subsequent material. If the mortar has been allowed to harden, the surface should be abraded and a further coat of epoxy primer applied.

Where necessary, the mortar is shaped to the required profile e.g. to form a cove and trowel led to a smooth finish. This operation will be aided by lightly wiping the trowel with solvent.

If formwork or shuttering is to be used a suitable release agent should be used to prevent the **Epoflo MTX** adhering to it.

Cleaning

Clean equipment with solvent. Hardened mortar, only removed by mechanically.

FURTHER INFORMATION PLEASE DOES NOT HESITATE TO CONTACT OUR COMPANY SALE REPRESENTATIVE OR TECHNICIANS.

