

**PRODUCT DESCRIPTION**

MPO™ PM is specially formulated non-sag epoxy filling paste and adhesive. This easy to use two-part epoxy product sets after mixing with excellent properties ideally suited for the following applications.

**PRODUCT FEATURES**

- Simple 1: 1 mix ratio
- Creamy texture, blends easily
- Non sag on vertical surfaces
- Rapid setting
- Adheres and cures under adverse conditions (cold and damp)
- Good strength retention after prolonged immersion in water
- Tensile and compressive strength superior to concrete
- Very good chemical resistance

**PRODUCT USES**

MPO™ PM is a suitable for:

- Building facades
- Concrete Pipes and Tanks
- Fibreglass articles
- Concrete floors and stairs
- Concrete columns
- Insitu formed concrete

**TECHNICAL DATA**

Density	1.45 kg per litre
Final set	12 hours at 25°C
Full cure time	4 days at 25°C
Working life at 25°C	45 minutes
Mixing Ratio (Parts A:B)	1 part resin to 1 part hardener by volume
Minimum application temperature:	10°C
Mixing	1 part resin to 1 part hardener by volume
Tensile strength	25 MPA
Tensile bond strength	10 MPA
Flexural strength	15 MPA
Coefficient of linear expansion	60 MM/MM
Compressive strength	80 MPA
Consistency part "A"	Thixotropic paste
Colour part "A"	White
Flash point part "A"	Above 100°C
Consistency part "B"	Thixotropic paste
Colour part "B"	Black or Neutral
Flash point part "B"	Above 100°C

**HOW TO USE**

**SURFACE PREPARATION**

▪ METALS:

Should be grit blasted to clean surface. Mechanically abraded and degreased. Wire brushing is not entirely satisfactory and gives minimal adhesion only.

▪ PAINTED SURFACES:

A proprietary brand paint stripper should be used. Concrete - the surface may be either flame cleaned



Megapoxy Adhesive- MPO™ PM

or mechanically abraded. Concrete surfaces should be clean, sound and as oil- and water-free as possible. Excessively damaged concrete should be removed.

**MIXING**

It is essential that the correct mixing ratio be used and that the Part "A" and Part "B" are INFORMATION thoroughly mixed together before use. Inaccuracies and poor mixing will result in lower physical properties of the cured system and, if the error is sufficiently large, the system may not cure satisfactorily and discolour on ageing.

**CLEANUP**

Uncured MPO™ PM can be removed with MPO™ PM Thinners. Tools and equipment should be cleaned with special Thinner immediately after use. Hardened material can only be removed mechanically.

**FIRST AID**

Avoid prolonged contact with skin. Wash affected areas with soap and warm water.

User must read the most recent corresponding Safety Data Sheets before using any products. For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data Sheet for MPO™ PM.

**DISCLAIMER OF LIABILITY**

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.