

MPO™ PF

Megapoxy Fast-curing Adhesive

PRODUCT DESCRIPTION

MPO™ PF is a fast-curing epoxy adhesive that cures in 7 minutes and achieves over half its final strength within 15 minutes after mixing.

Megapoxy PF "sets up in seconds" for emergency on-site repairs of tanks, pipes, machinery, concrete structures, and more.

It is also known as stone glue, is used for installing all kinds of joints and stones, especially slabs, due to its high adhesion strength, and it reaches its highest durability and strength.

PRODUCT FEATURES

- Smooth and easy to machine
- Simple 1:1 mix ratio
- Creamy texture for easy blending
- No sag in vertical or overhead planes
- Cure in 3 minutes at 25°C - 90% cure in less than 1 hour at 25°C
- Durable bond with very high strength
- Better tensile and compressive strength than concrete
- Excellent chemical resistance
- Ready for use after curing for 30 minutes at 25°C
- Properly mixed Megapoxy PF will not stain or discolor white or bright marble or ceramic.

PRODUCT USES

- Precast concrete products
- Natural stones
- Brick and ceramic
- Concrete pipes and tanks
- Fiberglass products
- Concrete floors and stairs
- In-situ concretes

TECHNICAL DATA

| | |
|---------------------------------|---|
| Minimum Cure Time | 1 hours at 25°C |
| Full cure time | 2 hours at 25°C |
| Working life at 25°C | 3 minutes |
| Mixing Ratio | 1 part A to 1 part B by volume |
| Minimum application temperature | 10°C |
| Mixing | 1 part resin to 1 part hardener by volume |
| Tensile strength | 25 MPA |
| Tensile bond strength | 15 MPA |
| Compressive strength | 65 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" | White or dark grey |
| Flash point part "B" | Above 100°C |

HOW TO USE

MIXING

For standard curing epoxies, mixing for at least 3 minutes (a timer is recommended) is very important



Megapoxy PF Adhesive - MPO™ PF

for complete and thorough mixing. Or milky if not mixed properly. We recommend using separate spatulas or scrapers to apply Part A and Part B and mix the two components.

- Place the same amount of part A and part B side by side on a flat plate and visually check that part A and part B are the same size (height, width, roundness).
- Work the two components together using folding techniques to minimize air pockets.
- Mix until evenly colored.

CLEANUP

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

STORAGE

Store in a cool, dry and well-ventilated place away from direct sunlight. Keep away from food. Store away from incompatible materials.

Keep away from heat and sources of ignition.

Leave the container upright. Keep container closed when not in use - check regularly for spills.

FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

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.