

TechnoPoxy™ PF

Megapoxy Fast-Curing Adhesive

TECHNOPOL

مقاوم سازي تکنوپل

PRODUCT DESCRIPTION

TechnoPoxy™ PF is a fast-curing two-part epoxy paste and adhesive that achieves more than half of its final strength within 15 minutes of mixing. Megapoxy glue is a fast-setting glue that is used in various industries and civil engineering and construction applications for special connections. It is also used for the repair of tanks, machinery and pipe construction with this slogan that hardens quickly. Megapoxy PF glue is known as stone glue and it is used to install facade stone by creating a strong bond to the desired surface and increases its lifespan. PF epoxy resin and glue, which is one of the new resins in the field of epoxy resin products, has caused changes in various industries, including the construction industry.



Buildings
Structures



Transportation
Infrastructure



Water &
Wastewater



Oil, Gas &
Industrial



Waterfront
Structures



Industrial
Facilities

PHYSICAL PROPERTIES

	Unit	TechnoPoxy™ PF
Minimum Application Temperature	oC	10
Mixing Ratio	By Volume	1:1
Working Life	min	3
Minimum Cure Time	hour	1
Full Cure Time	hour	2
Color A	-	white
Color B	-	White or dark grey

TECHNICAL DATA

Feature	unit	amount
Tensile Strength	MPa	25
Tensile Bond Strength	MPa	15
Compressive Strength	MPa	65

ADVANTAGES

- Easy to Very high resistance to extreme temperature changes
- No reaction with the stone and change its color
- Can be used with all kinds of stones

- Permanent link with work surface
- Easy implementation and simple mixing ratio 1:1
- More tensile and compressive strength than concrete

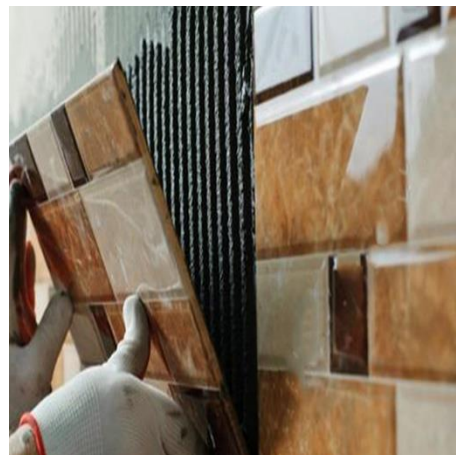
TYPICAL USES

- Sticking stone on thermal insulation and different plates
- In-situ concrete
- Installation of tiles, ceramics and pottery pieces
- Bonding of prefabricated concrete parts
- Sticking natural stones
- Concrete floors and stairs

INSTALLATION PROCEDURE

MIXING METHOD

Mixing for a minimum of 3 minutes for standard cure megapoxy is very important for complete, thorough mixing, pastes, gels and clear liquids can be visually inspected for mixing completeness, this sort of epoxy resin product, will usually show streaks or milkiness if not mix properly.



It is recommended to use separate spatulas or paint scrapers for the dispensing of the Part A & Part B and the mixing of the two components.

1. On a flat board, place an equal sized quantity of Part A & Part B side by side, making sure that the Part A & Part B are visually the same size
2. Work the two components together using a folding technique to minimise air entrapment.
3. Mix until a uniform colour.

CLEANING

Uncured Megapoxy PF can be removed with Megapoxy Thinners.

LIMITATIONS

- It may be harmful with skin contact
- Do not apply in freezing conditions or during precipitation
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry
- Do not use when air and surface temperatures are below +5°C and above +35°C
- Avoid heavy traffic for 24 hours

CAUTION

The use of safety glasses and chemically resistant gloves is recommended. Use appropriate clothing to minimize skin contact. The use of NIOSH-approved respirator is required to protect respiratory tract when ventilation is not adequate to limit exposure below the PEL. Refer to Safety Data Sheets (SDS) for detailed information.

FAIRST AID

Skin

Wash fibers off skin with water and soap. If fibers are embedded in the skin, remove with tweezers. Discard clothing that may contain embedded fibers. Seek medical advice if exposure results in adverse effects.

Eyes

Immediately flush with a continuous water stream for at least 20 minutes. Washing immediately after exposure is expected to be effective in preventing damage to the eyes. Seek medical advice.

Inhalation

If there is inhalation exposure to the fibers of this product, remove source of exposure and move victim to fresh air. If victim is not breathing, give artificial respiration. If there is breathing difficulty, give oxygen. Seek medical advice for any respiratory problems.

Ingestion

Ingestion is not a likely means of exposure for this product. If ingestion does occur, do not induce vomiting. Give nothing by mouth if victim is unconscious. Seek medical advice.

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