

# MEGAPOXY PF

## RAPID SET EPOXY PASTE ADHESIVE FOR CIVIL ENGINEERING APPLICATIONS

### DESCRIPTION

Megapoxy PF is a rapid set epoxy adhesive which sets in seven minutes and attains more than half its ultimate strength within 15 minutes of mixing. Megapoxy PF “hardens-as-you-hold-it” for immediate on the spot emergency repairs to tanks, pipes, machinery, concrete structures etc.

### ADVANTAGES

- Smooth and easily workable
- Simple 1:1 mix ratio
- Creamy texture, blends easily
- Non sag on vertical surfaces or overhead surface
- Sets in 3 minutes at 25°C - 90% cure within 1 hour at 25°C
- Very high strength permanent bonds
- Tensile and Compressive Strengths superior to concrete
- Excellent chemical resistance
- Can be machined after 30 minutes cure at 25°C
- Properly mixed Megapoxy PF will not stain or discolour white or light coloured marble and ceramics.

### PRODUCT SPECIFICATION

	<u>PART “A”</u>	<u>PART “B”</u>
Consistency:	Thixotropic paste	Thixotropic paste
Colour:	White	White or Dark Grey
Flash Point:	Above 100°C	Above 100°C

### PROCESSING DATA

Mixing Ratio:	1 Part A to 1 Part B by volume
Mixing:	Mix until uniform in colour
Working Life at 25°C:	3 minutes
Minimum Application Temperature:	10°C
Minimum Cure Time:	1 hour at 25°C
Full Cure Time:	2 hours at 25°C

### CURED PROPERTIES (TYPICAL)

Maximum Service Temperature:	70°C
Tensile Strength:	25 MPa
Tensile Bond Strength:	15 MPa
Compressive Strength:	65 MPa

### AVAILABILITY

MEGAPOXY PF is available in 4lt & 20 litre kits. Shelf life of unopened kits is 2 years minimum. Product should be stored in cool dry store.

### CLEANING

Uncured Megapoxy PF can be removed with Megapoxy Thinners.

### PRECAUTIONS

Avoid prolonged contact with skin. Wash affected areas with soap and warm water. For further information refer Safety Data Sheet for Megapoxy PF.

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