

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.

CHARACTERISTICS

- Smooth and easily workable
- Simple 1:1 mixing ratio
- Non-sag on vertical 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 strength superior to concrete
- Excellent chemical resistance
- Can be machined after 30 minutes cure at 25*

TYPICAL CURED PROPERTIES

Tensile strength	25 MPa
Tensile shear strength	10 MPa
Flexural strength	18 MPa
Compressive strength	65 MPa
Coefficient of linear expansion(mm/mm/°C x 10 ⁻⁶)	40
Water absorption - ASTM D570 - 10 days at 25°	0.5%
Dielectric strength 50 HZ at 25° C (Kv/cm)	190

