

## MEGAPOXY PF GEL

### RAPID SET EPOXY GEL ADHESIVE

Megapoxy PF Gel is a structural rapid set epoxy adhesive which sets in five minutes and attains more than half its ultimate strength within 15 minutes of mixing. Megapoxy PF Gel "hardens-as-you-hold-it" for immediate on the spot emergency repairs to timber, natural stone, fibreglass, concrete structures etc.

Megapoxy PF Gel is also widely used for natural stone and timber laminations.

### MEGAPOXY PF GEL CHARACTERISTICS

Smooth and easily workable  
Simple 1:1 by volume mixing ratio  
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 lightly machined after 60 minutes cure at 25°C  
Can be coloured with oxides

### 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 <sup>-6</sup> )	: 40
Water absorption - ASTM D570 - 10 days at 25°	: 0.5%
Dielectric strength 50 HZ at 25° C ( Kv/cm )	: 190

