

MEGAPOXY PF GEL

RAPID SET EPOXY GEL ADHESIVE

DESCRIPTION

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.

CHARACTERISTICS

Mixing Proportions:	1 part A to 1 part B by Volume
Working Time:	3 minutes at 25°C
90% Cure:	1 hour at 25°C
Smooth and Easily Workable	
Tensile and Compressive Strengths Superior to Concrete	
Very High Strength Permanent Bonds	
Excellent Chemical Resistance	
Can be lightly machined after 60 mins cure at 25°C	
Can be Coloured with Oxides	

CURED PROPERTIES

Compressive Strength:	65MPa
Flexural Strength:	18MPa
Tensile Shear Strength:	10 MPa
Tensile Strength:	25 MPa

Coefficient of Linear Expansion: (mm/mm/°C x 10~6):	40
Water Adsorption - ASTM D570 - 10 Days at 25°C:	0.5%
Dielectric Strength 50 HZ at 25°C (Kv/cm):	190

