

MEGAPOXY RAPID SET EPOXY RESINS FOR LOW TEMPERATURE APPLICATIONS

Recent advances in epoxy resin technology have enabled us to develop two new products – MEGAPOXY 108/78 and MEGAPOXY 131 which overcome difficulties associated with applicants of epoxy resins at low temperatures.

MEGAPOXY 108/78 Liquid Resin and MEGAPOXY 131 Non Sag Paste are recommended for civil engineering applications at ambient temperatures down to -10°C . Both Megapoxy 108/78 and Megapoxy 131 cure to high strength products and have been used extensively for anchoring steel into concrete and as construction adhesives under cold conditions.

PHYSICAL PROPERTIES

	MEAGPOXY 108/78	MEGAPOXY 131
Physical form after mixing	Liquid	Paste
Mixing ratio A : B by volume	2 : 1	1 : 1
Appearance after mixing	Amber	Grey
Gelation time		
200 gram mass at -10°C	4.5 Hours	4.5 Hours
0°C	40 Minutes	40 Minutes
$+10^{\circ}\text{C}$	12 Minutes	12 Minutes
$+20^{\circ}\text{C}$	4 Minutes	4 Minutes
Curing Under damp conditions	Suitable	Not Suitable

PROPERTIES CURED

Compressive Strength	100 Mpa	70 – 90 Mpa
Tensile Strength	30 Mpa	25 MPa

AVAILABILITY

Megapoxy 108/78 is available in 15 litre kits

Megapoxy 131 is available in 20 litre kits



VIVACITY ENGINEERING PTY. LTD.

3 Sefton Road, Thornleigh, NSW 2120

P.O. Box 71, Hornsby, NSW Australia, 1630

Telephone +61-2-9875 3044

Fax +61-2-9875 3665

email: info@megapoxy.com

www.megapoxy.com

A.B.N. 78 305 545 664