

# EPOXY PASTE EPAR 802

## TECHNICAL DATA

### 1.0 DESCRIPTION

EPAR 802 is a soft, smooth epoxy paste which is solventless and non-shrink. EPAR 802 can be applied up to 5mm thick on vertical surfaces without slumping and can easily be feathered out or sanded.

EPAR 802 bonds strongly to concrete, timber, metals and stone.

Also available with a cold cure hardener for use from 0°C – 10° C.

### 2.0 PHYSICAL PROPERTIES:

2.1	Viscosity	Thixotropic paste.
2.2	Mix Ratio	1 : 1 by volume.
2.3	Pot Life	1.5 – 2 hours at 20°C. Std hardener.
2.4	Minimum Application Temp.	10°C. Std hardener.
2.5	Shelf Life	1 year in original unopened containers.
2.6	Cured Properties	(Standard hardener at 20°C)
2.6.1	Colour	Grey.
2.6.2	Specific Gravity	1.65
2.6.3	Compressive Strength	33 MPa 2 days, 50 MPa 7 days.
2.6.4	Compressive Modulus	3 GPa.
2.6.5	Tensile Strength	19 MPa.
2.6.6	Thermal Expansion	5x 10 <sup>-5</sup> mm/mm/°C.

### 3.0 USES

The excellent gap filling adhesive properties of EPAR 802 make it suitable for a wide variety of applications including the following:

- 3.1 Laminating and jointing of fibrous cement sheet.
- 3.2 General concrete repair and levelling.
- 3.3 Production of exposed aggregate finish by bonding pebbles to a variety of surfaces.
- 3.4 Tile adhesive.
- 3.5 Smoothing and patching timber, concrete or metal surfaces prior to painting. Can be trowelled to a smooth finish.
- 3.6 Filling & smoothing screw holes in fibre cement sheets.

# EPAR 802

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## TECHNICAL DATA Continued

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### 4.0 APPLICATION INSTRUCTIONS

- 4.1 **SURFACE PREPARATION.** Thoroughly clean the jointing surfaces of all extraneous matter, especially oil and grease. Laitance should be removed from concrete surfaces mechanically or by acid etching. For best results steel surfaces should be prepared by sand blasting or grinding.
- 4.2 **MIXING.** Accurately proportion required volume of resin and hardener ensuring this amount can be used within its pot life. Mix the two parts thoroughly by using a spatula or preferably a mixing paddle on a low speed electric drill. Mix until a uniform, streak-free grey colour is obtained. Wear protective gloves at all times. Close hardener and resin containers when not in use.
- 4.3 **APPLICATION.** When being used as an adhesive apply an even layer of EPAR 802 to jointing surfaces preferably by notched trowel. Do not disturb joint for 8 hours or until EPAR 802 has hardened sufficiently to withstand use.
- 4.4 **CLEAN UP.** Hands and equipment should be washed in soap and water before curing is advanced. Refer to Product Safety Data Sheet for complete handling and safety information.

### 5.0 ADDITIONAL INFORMATION

Read this data sheet in conjunction with the product labels. Wear appropriate personal protective equipment when mixing and using this product. Use in a well-ventilated area. Refer to Material Safety Data Sheets for hardener and resin before use for first aid and handling details.

Curing will take longer at lower ambient temperatures and when smaller quantities are applied. For cold temperature curing, use EPAR 802 Cold Cure.

For optimal performance with any epoxy system it is important to:

1. Proportion the hardener and resin accurately.
2. Thoroughly mix together until of an even colour and consistency.
3. Use the correct product for the conditions, especially during cold weather.

If potable water certification is required, then refer to EPAR EM Epoxy Mortar.

For applications not covered or for further information, contact the manufacturer prior to use.

### 6.0 PACKAGING

- 2 litre pack (1 litre resin, 1 litre hardener)
- 4 litre pack (2 litres resin, 2 litres hardener)
- 8 litre pack (4 litres resin, 4 litres hardener)



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