

**MAXMET 800 EPOXY FAIRING COMPOUND**
**Description**

**MAXMET 800** is a high performance two pack solvent free epoxy fairing compound. The material is ideal for use on metallic surfaces and has been designed to be applied to manually prepared substrates.

The material can be applied by trowel to large areas where excessive corrosion pitting is prevalent on the repair surface.

Once cured the product can be over coated by many standard epoxy, acrylic and polyurethane systems.

## Material Properties

Appearance	Base Activator Mixed	Black paste Brown paste Dark Brown paste
Mixing Ratio	By Weight By Volume	1:1 1:1
Density	Base Activator Mixed	1.6 1.6 1.6
Volume Capacity		625cc/kg
Solids Content		100%
Slump Resistance	Nil at	2.0 cm
Usable Life	20°C 30°C	25 minutes 12.5 minutes

Coverage	1kg at a thickness of 1.0mm	0.625 m2
Cure Times @ 20°C	Movement without load or immersion: Machining and light loading: Full loading: Immersion:	2 hours 6 hours 2 days 3 days
Storage Life	Unopened and stored in dry conditions (15-30°C)	5 years
Adhesion	Tensile Shear to ASTM D1002 on abrasive blasted mild steel with 75-micron profile  Manual Prep	865kg/cm <sup>2</sup> 12,300psi  129kg/cm <sup>2</sup> 1830psi
Compressive Strength	Tested to ASTM D 695	735kg/ cm <sup>2</sup> 10,450psi
Flexural Strength	Tested to ASTM D790	298kg/cm <sup>2</sup> 4520psi
Hardness	Rockwell R to ASTM d785	100
Heat Resistance	Suitable for long term water immersion at temperatures up to: Resistant to dry heat in excess:	70°C 150°C
Chemical Resistance	The product resists attack by a wide variety of inorganic acids, alkalies, salts and organic media.	

**Legal  
Notice**

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control.

It is the responsibility of the customer to determine the products suitability for use. Maxkote accepts no liability arising out of the use of this information or the product described herein.

**Health and  
Safety**

Please ensure good practice is always observed during the mixing and application of this product.

Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.