

MAXMET 700 EXTENDED CURE EPOXY REPAIR COMPOUND
Description

MAXMET 700 is a extend cure solvent free, epoxy repair and rebuilding compound, suitable for large repair areas where extra pot life is required, bonds to metal and plastic components suffering material loss due to mechanical damage, erosion, corrosion or chemical attack.

The material is supplied in two parts with a base and activator once mixed **MAXMET 700**, provides a smooth grey paste ideally suited for repairs to steel components and other metallic and none metallic surfaces. The mixed the material can be applied in a single coat up to a thickness of 20.0mm without slumping.

Material Properties

Appearance	Base Activator Mixed	Dark grey paste Light grey paste Mid grey paste
Mixing Ratio	By Weight By Volume	1.67:1 3:2
Density	Base Activator Mixed	2.7 2.4 2.58
Volume Capacity		1552 cc/4kg
Solids Content		100%
Slump Resistance	Nil at	20mm
Usable Life	20°C 30°C	60 minutes 30 minutes
Coverage	4kg at a thickness of 1.0mm	1.552 m ²
Cure Times @ 20°C	Movement without load or immersion: Machining and light loading: Full loading: Immersion:	5 hours 12 hours 4 days 7 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	180kg/cm ² 2550psi
Compressive Strength	Tested to ASTM D 695	839kg/ cm ² 11,900psi
Flexural Strength	Tested to ASTM D790	585kg/cm ² (8300psi)
Hardness	Shore D to ASTM D2240	87
Heat Resistance	Suitable for long term water immersion at temperatures up to: Dry heat in excess of:	60°C 180°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.