

# BRUTEM® MP

*Multi-purpose epoxy grout*

## DESCRIPTION:

BRUTEM® MP is a multiple purpose, three-component epoxy grout used for anchoring bolts, rebars, etc.; baseplate support, exterior applications; and for general repair of concrete structures and surfaces.

## RECOMMENDED FOR:

- Deep-pour baseplate applications
- Repair of spalled concrete
- Rebuilding deteriorated curbs, bases and columns
- Bolt/rebar anchoring
- Exterior grouting and repair applications
- Areas requiring a moisture-insensitive bond to the concrete substrate

## PACKAGING/ESTIMATING:

BRUTEM MP is packaged for convenience in premeasured units:

0.5 ft <sup>3</sup> unit (0.014 m <sup>3</sup> )	
1 - BRUTEM MP Resin	6.0 lb (2.72 kg)
1 - BRUTEM MP Hardener	3.0 lb (1.36 kg)
1 - BRUTEM Aggregate	58.3 lb (26.5 kg)
2.0 ft <sup>3</sup> unit	
1 - BRUTEM MP Resin	23.9 lb (10.85 kg)
1 - BRUTEM MP Hardener	11.9 lb ( 5.4 kg)
4 - BRUTEM MP Aggregate	58.3 lb (26.5 kg)

## PERFORMANCE DATA<sup>1</sup>:

<b>Compressive Yield Strength</b> (ASTM C 579 Method B, Modified)	17,000 psi	(120 MPa)
<b>Tensile Strength</b> (ASTM C 307-83)	2,100 psi	(15 MPa)
<b>Flexural Strength</b> (ASTM C 580-85)	4,400 psi	(31 MPa)
<b>Flexural Modulus</b> (ASTM C 580-85)	2.46 x 10 <sup>6</sup> psi	(18 GPa)
<b>Resin-Hardener Ratio</b> (by volume)	1.9:1	
<b>Pot Life of Mixed System</b>	@ 65 °F (18 °C)	3 hours
	@ 77 °F (25 °C)	1.5 hours
	@ 90 °F (32 °C)	35 minutes
<b>Shelf Life</b>	2 years	

<sup>1</sup> Properties listed are typical and descriptive of the product and may be used as a guide for determining suitability. Actual values can vary due to field conditions.

## APPLICATION:

Consult the BRUTEM MP product bag for details on the installation of BRUTEM MP grout.

Master Builders recommends that the user request the services of the local representative for a pre-job conference to plan the installation.

## LIMITATIONS:

- Do not use if ambient operating temperatures exceed 140 °F (60 °C).
- Do not use wet aggregate.
- Do not add water or solvents to any component.
- Always mix Components A and B together before adding Aggregate (Component C).
- BRUTEM MP grout is a three component epoxy grout formulated for industrial and professional use only and must be kept out of the reach of children. These products contain chemicals which may be COMBUSTIBLE and potentially HARMFUL to your health if not stored and used properly. Hazards can be significantly reduced by observing all precautions which are found on material safety data sheets, and product labels. Please read this literature carefully before using product.

## **RELATED BULLETINS:**

BRUTEM MP - Material Safety Data Sheet

BRUTEM MP - Specification Bulletin 9S23

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