



## 3.04 FAST MICRO MORTAR 306

### MICRO-CONCRETE REPAIR MORTAR

#### PRODUCT DESCRIPTION

Fast Micro Mortar 306 is a cementitious based low permeability repair microconcrete, containing silica fume and polymer.

#### USES AND BENEFITS

- Single component ready for use.
- Good adhesion, High density, Excellent compaction.
- For repairing all types of structures
- Suitable for application in Marine environments
- Horizontal, vertical and overhead repairs
- Hand applied repairs
- Spray applied repairs
- Easy to mix and apply
- Low shrinkage
- Good mechanical properties
- Adjustable consistency
- Suitable for drinking water contact

#### RECOMMENDATIONS

FAST Micro Mortar 306 depends on the substrate roughness and thickness of layer applied 2.11 kg/mm. Minimum layer 5mm to 30mm in maximum temperature 30°C.

#### TECHNICAL INFORMATION

##### PROPERTIES

Appearance	:	Grey Powder
Specific gravity		2.10 Dry Density
Grain Size	:	3mm maximum
Packing	:	25Kg Bag
Pot Life		30min TO 60min @ 20°C Temp
Compressive Strength		25 MPa at 1 days
		50 MPa at 7 days
		60 MPa at 28 days
Modulus of Elasticity		25 GPa approx.
Tensile Strength		6-9 MPa approx.
Tensile Adhesion Strength		3 Mpa

**Shelf Life:** 1 year in original and unopened packing from date of manufacture .

#### APPLICATION:

Surface Treatment:

All concrete, mortar and stone substrates must be sound, clean and free from oils, grease, dust and other surface contaminants. All loose material and surface laitance must be removed by scabbling and clean with fresh water.

Mixing:

Wet Spray Application: ~ 2.5 to 3.5 L of water for 25kg powder

Hand Application: 2.5 to 3.2 L of water for 25kg powder



## TECHNICAL SERVICE

A trained FAST CHEM's representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

## WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to FAST CHEM Construction ("FAST CHEM") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond FAST CHEM's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. FAST CHEM shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. FAST CHEM's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

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