

# MasterFlow<sup>®</sup> 926

## Cementitious rapid setting general purpose construction grout

### MATERIAL DESCRIPTION

**MasterFlow 926** is a rapid setting natural aggregate fluid grout for repair of concrete surfaces. **MasterFlow 926** is normally placed at a flowable consistency to completely fill voids between 12mm and 30mm.

### AREAS OF APPLICATION

- Fast grouting and repair applications where a fluid repair and/or exceptionally high early strength is required.
- Small section concrete floor repairs where minimum shutdown time is desired and the floor must be back in service in 3-4 hours.
- Raising manhole frames to new grade level for an asphalt overlay.
- Anchor bolt grouting.
- Balustrade post setting.

### CHARACTERISTICS AND BENEFITS

- **Fast return to service** - rapid high early and ultimate strength development (approximately 25 MPa after only 2 hours) for minimum traffic shutdowns.
- **Fluid consistency** - easy to apply under machinery or for small floor repairs.

### PROPERTIES

Supply form	Grey
Layer thickness	12-30mm
Water added per bag	Approx. 2.2 – 2.3 litres
Mixed density	2300kg/m <sup>3</sup>
Application temperature of substrate (min)	7°C
Expansion	Positive
Compressive Strength (typical)	
1 hour	17 MPa
2 hours	29 MPa
4 hours	33 MPa
1 day	34 MPa
28 days	60 MPa
Flexural Strength (typical)	7.0 MPa
28 days	

### APPLICATION

To achieve best results, divide area to be repaired into 1m<sup>2</sup> sections, square cut edges and chip to sound and clean concrete. Leave concrete rough, then blow clean of dust and debris. Saturate properly prepared substrate with water for minimum of 3 hours then blow off any standing water.

For each 20kg bag of **MasterFlow 926** pour approximately 2.2 - 2.3 litres of clean water (depending on desired consistency) into a suitable pail. While stirring, mechanically, add the powder and continue to mix for at least 3-4 minutes until the grout is homogeneous and lump free.

Place, screed and finish as a continuing process. Do not exceed 30mm thickness. Refer to Master Builders Solutions Technical Sales Representative for advice on thicknesses greater than 30mm.

Note: **MasterFlow 926** has a working time of approximately 10 minutes, therefore mixing, placing and finishing operations must be carefully planned to handle the mix without delay. Mix small test batches under site conditions and observe working time before mixing larger batches in mixer.

### POT LIFE

**MasterFlow 926** has a working time of approximately 10 minutes @ +20°C. The use of chilled water will extend working time in warm conditions. Do not add ice or crushed ice to the grout.

### CURING

Apply a fine spray of water as soon as surface has hardened and cannot be marred with a trowel. Repeat as needed to keep the surface wet for one hour or until area is opened to traffic. Wet hessian may be used instead of water spraying. In hot, arid, or windy conditions, ponding is advisable.

### CLEANING

Uncured **MasterFlow 926** may be removed using water. Cured material may only be mechanically removed.

### ESTIMATING DATA

One bag of **MasterFlow 926** yields 9.7 litres (0.0097m<sup>3</sup>) or 9.7m<sup>2</sup> at 1mm thickness.

MasterFlow 926				
L	Thickness in mm /m <sup>2</sup>	m <sup>3</sup>	kits /m <sup>3</sup>	m <sup>2</sup> /mm thickness
9.7	9.7mm	(0.0097)	103	9.7 m <sup>2</sup>

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## PACKAGING

**MasterFlow 926** is packaged in 20kg moisture resistant multi wall bags.

## SHELF LIFE

**Masterflow 926** has a shelf life of 6 months when stored in a cool dry environment.

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, make sure that you obtain a copy of the Safety Data Sheet (SDS) from our office or website.

## DISCLAIMER

MasterFlow-926-ANZ-V5-0121

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