Masonry Cement Composites (Pty) Ltd

Registration Number: 2014/263264/07
VAT No: 4090268972
27 Reuben Kaye Road, Parow Industrial, 7493
Tel: 021-934 0374 / Whatsapp: 068 006 4419

Generated on: 2026-11-10 19:28:18

Grout CEM 60 25Kg



SKU: MWMGC605

TECHNICAL DATASHEET

GROUT CEM 60
Fast Set, High Strength, Non-shrink Grout

GROUT CEM 60 is a premixed ready to use dry grout with a precise blend of graded silicates and gravel aggregates. Controlled chemicals incorporating shrinkage compensating ingredients blended with high alumina cements produce a fast set, non-shrink grout. It is grey/brown coloured, non-oxidizing and has no added chlorides or nitrates.

TYPICAL APPLICATION
Recommended for used in the grouting of machinery and equipment where high early strength is required where maximum bearing of the elements is required. Grout in or onto precast elements, of holding down bolts, crane rails, stanchions, anchor bolts, bridge bearings, column bases, etc.

ADVANTAGES

• High Early Strength - complies to ASTM C 109-80 specification Facilitates rapid installation and early operation of machinery.
• Non-Shrink - meets CRD-C 621 specification. A non-shrink grout that hardens, free of bleeding, settlement or drying, shrinkage and maintaining tight contact with the underside of grouted elements
• Iron Free - a non-metallic aggregate grout used where an appearance similar to concrete or mortar is required.
• Durability - a dense and ultimate high strength grout which contains no gas generating or air release agents such as aluminum powder, fluid coke, etc. It is durable and withstands repetitive loading requirements.

WATCH POINTS

• The strength of GROUT CEM 60 is dependent on water demand, curing and age of the hardened grout. To determine the earliest equipment or machinery can be put into operation, the above must be considered.
• Protect from freezing until fully cured for 28 days.

DIRECTIONS FOR USE

Surface Preparation:
All equipment to be grouted must be free of grease, oil and dirt and the concrete surface must be scabbled, cleaned.

Priming:
Wet down surfaces prior to application. Keep damp during application.

Application:
Do not mix more grout than can be used in 15 minutes. Once the grout has stiffened, do not re-temper by adding water. Temperature of both the grout and all elements coming into contact with the grout should be in the range of 15-25C. Do not grout in freezing conditions. Mix 25Kg GROUT CEM 60 with 4.2 – 4.5 litres water. Place mixed grout into the damp areas while the area is still damp. Agitate the grout to settle and smooth with a steel trowel. Always place grout from one side only, do not pour grout from both sides as this will result in entrapment of air-creating a gap (air pocket) between the underside of bedplate and grout. Allow to set for 1-2 hours (depending on temperature of the environment) before opening to light traffic.

Curing:
All exposed areas of grout must be treated With CURE 300 C or CURE 200 curing compounds or kept wetted out for at least 10 days.

TYPICAL PROPERTIES

Initial Set 20 min @ 20°C
Final Set 60 min @ 20°C
Application Temp 15°C to 25 °C
Thickness 10mm to 35mm
Pot Life 10-15 minutes
Water Use 4.5Lt per 25Kg
Yield 11 litres per 25Kg
Compressive Strength
1 Hour 15MPa
4 Hours 24MPa
1 Day 30 MPa
7 Days 35 MPa
28 Days 40 MPa

Equipment Care
All tools should be cleaned with water immediately after use. If delayed, the equipment will need mechanical action to clean or be discarded.

Warranty
Masonry Cement Composites (PTY) Ltd products have a manufacturing defect free warranty. Products, when applied as stipulated in this technical datasheet, will perform as specified without manufacturing defect.
REVISION: 5.2