

KWA-ZULU NATAL

T : 031 701 2619

E : natal@mccsa.co.za

Unit 7, Marlmead, 4 Reed Place,
Maxmead, Pinetown, 3610

WESTERN CAPE

T : 021 934 0373

E : saleswc@mccsa.co.za

27 Reuben Kaye Rd, Parow Industrial,
7493 | P.O. Box 736, Brackenfell, 7561

MULTI GROUT 801 SG

Feather Grade, Multi-Purpose Non-Shrink Grout

Description

MULTIGROUT 801 SG is a premixed ready to use dry grout with a precise blend of graded silicates and fine sand aggregates. Controlled chemicals incorporating shrinkage compensating ingredients blended with Portland Cements produce a non-shrink grout. It is grey coloured, non-oxidizing and has no added chlorides or nitrates.

Meets requirements of CRD-C 621, ASTM C827, ASTM C 10980 and CRD 611-80 specifications.

Typical Applications

Mortar repairs, plaster repairs, off-shutter repairs, and all irregular or uneven surfaces can be filled for a hard, well bonded, smooth, feathered grout finish. In all applications where excessive grout thickness is a criterion and a natural aggregate non-shrink grout is specified.

Advantages

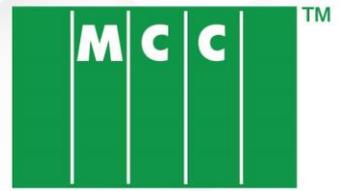
- High Early Strength - complies to ASTM C 109-80 specification Facilitates rapid installation and early operation of machinery.
- Non-Shrink - meets CRD-C 621 specification. A non-shrink grout that hardens, free of bleeding, settlement or drying, shrinkage and maintaining tight contact with the underside 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.

Typical Properties

Initial Set	2 Hours at 20°C
Final Set	6 Hours at 20°C
Application Temp	15°C to 25 °C
Thickness	10mm to feather
Pot Life	20 minutes
Yield	15 litres per 25Kg
Compressive Strength	
1 Day	15MPa
3 Days	25MPa
7 Days	42 MPa
28 Days	70 MPa
Flexural Strength	
1 Day	1.8 MPa
3 Days	3.0 MPa
7 Days	4.3 MPa
28 Days	5.4 MPa
Tensile Strength	
1 Day	1.2 MPa
3 Days	3.0 MPa
7 Days	4.2 MPa
28 Days	6.2 MPa

Watch Points

The strength of MULTIGROUT 801 SG 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.



KWA-ZULU NATAL

T : 031 701 2619

E : natal@mccsa.co.za

Unit 7, Marlmead, 4 Reed Place,
Maxmead, Pinetown, 3610

WESTERN CAPE

T : 021 934 0373

E : saleswc@mccsa.co.za

27 Reuben Kaye Rd, Parow Industrial,
7493 | P.O. Box 736, Brackenfell, 7561

MULTI GROUT 801 SG

Directions for Use

Surface Preparation:

Surfaces are to be clean, sound and free of deleterious substances. Remove all laitance, oil, grease, mould oil or curing compound from concrete surfaces using wire brush, bush hammer, scabblor or other plant as appropriate. When repairing damaged concrete, ensure that all loose concrete has removed down to a firm base. Green concrete needs to be free from bleed water and firm enough to work on.

Priming:

Damp down all surfaces. Small divots and holes can be pre-wet with water as long as excess water can be drained prior to being filled with MULTI GROUT 801 SG.

Application:

Do not mix more grout than can be used in 30 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 MULTI GROUT 801 SG with 4 – 4.5 litres water. Place mixed grout onto the damp surface. 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 6 hours (depending on temperature of the environment) before opening to light traffic.

Curing:

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

Equipment Care

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

Packing

Supplied in 25Kg Bags

Quality Assurance

Multi Construction Chemicals South Africa (PTY) Ltd production and testing programs comply with all local and international testing standards.

REVISION: 3.1