



SOLIDGROUT CIG

Ready to Use Injection Cementitious Grout



BENEFITS

- > Easy to use.
- > No segregation and bleeding.
- > Ultra high strength.
- > Excellent bond strength to concrete brickwork and masonry.
- > Suitable for damp or dry surfaces.
- > Water and weather resistant
- > Penetrates cracks down to 0.2 mm wide.

DESCRIPTION

SOLIDGROUT CIG is a single pack, cementitious grout designed for injection cracks in concrete brickwork and masonry. This allows the ready consolidation of structures and prevents water and salt ingress thereby obviating freeze-thaw damage and rebar corrosion.

USES

SOLIDGROUT CIG is used for injection of cracks in concrete brickwork and masonry.

PACKING & COVERAGE

SOLIDGROUT CIG is supplied in 25kg HDPE bag packs consisting of ready to use powder. The consumption of **SOLIDGROUT CIG** is very much dependent on the depth and extent of the cracks within the substrates.

SHELF LIFE & STORAGE

SOLIDGROUT CIG will have a shelf life of 6 months in unopened container when kept in dry conditions at a temperature between 5 ~ 45 °C. Storage at higher temperature or high humidity may reduce shelf life.

Limitation : Do not apply at temperature below 3 °C.

HEALTH & SAFETY

SOLIDGROUT CIG is non hazardous. However, inhalation of dust should be avoided while handling. In its wet stage, if contact with eye occurs, wash well with clean water. All equipment and tools must be rinsed with water immediately after use and then dried.



HOW TO USE

Surface Preparation : Surfaces to be treated should be clean, sound and free from contaminations. Cracks should be reamed out.

Mixing : Mixing of precise quantity of water is needed w / p ratio 0.32 (water 8 litre).

Application : Apply **SOLIDGROUT CIG** by gravity feed or by gunning or pumping into the cracks. Injection flanges should be attached along the crack length at nominal 150 mm intervals, using **SOLIDGROUT CIG**. **SOLIDGROUT CIG** is also suitable for facing off vertical cracks.

Cleaning : Clean all equipments immediately with water after using **SOLIDGROUT CIG**.

TYPICAL PROPERTIES

Pot Life at 30 °C	30 minutes
Compressive Strength	50 N / mm at 28 days
Adhesion to Concrete	2.4 N / mm
Temperature Range	3 ~ 45 °C
Application Expansion	8 ~ 1.5% by volume ensure perfect grip

QUALITY ASSURANCE

SOLID manufactures the entire range of construction chemical under compliance of SIRIM and other international standards (ASTM, BS, GBI, LEED).

TECHNICAL SERVICES

While new advance and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel and experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

Disclaimer : The information provided in the data sheets is based on both current development of work and years of field experience. Efforts are made to ensure that the information is reliable, however, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of continuing research and development (R&D) undertaken in our laboratories, we advise customers to ensure that the data sheets provided are not superseded by an updated publication. All products are sold are subject to our standard condition of sale, which is available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local SOLID representative.



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