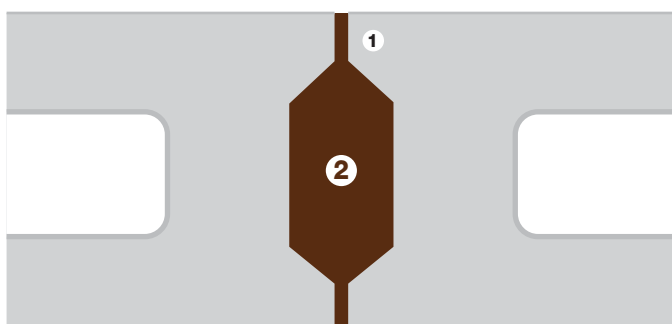




SHEAR GROUT 502

Grouting For Hollow Core Slab Joints

SYSTEM DIAGRAM



1. Precast Concrete Slab
2. Shear Grout 502

DESCRIPTION

Shrinkage compensated cementitious grout for hollow core slabs or other slabs joints

USES

- Filling of hollow core slab joints
- Filling of concrete slab joints
- Repair of gaps or joints in slab and screeding

BENEFITS

- Shrinkage compensated
- Premixed grout and only need to add water

COMPLIED STANDARD

- ASTM C348, C349, C953, C1090

TECHNICAL PROPERTIES

Technical Properties	Feature
Compressive Strength	> 25 N/mm ²
Water Retentivity	> 99%
Alkaline Resistance	Good
Expansion in 28 days	> 0.1%
Setting time	6 hours

RECOMMENDATION

- Bottom of gaps between slabs should be first sealed by **Anchor Grout 515**
- Use vibrator to compact the grout

STORAGE

Shelf life is 6 months if stored in dry and cool place

PACKAGE

Approx. 40kg



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PHYSICAL FEATURES

Physical Properties	Feature
Package	40 kg
Water Demand	6 - 7.6 L (15 - 19%)
Component	Cement, Green Binder, Expansive Agent, Graded Sand
Aggregate Size	4 mm
Pot Life	30 mins
Chloride Content	No Chloride
Grout Depth	200 mm

APPLICATION

SUBSTRATE PREPARATION

- Substrate should be free from mould oil, grease, loose particles and contamination of foreign materials
- Bottom of gaps should be first sealed by **Anchor Grout 515**

MATERIAL PREPARATION

- Mix 1 bag of 40kg **Shear Grout 502** with 6 - 7.6 L of water for at least 3 minutes by electrical mixer until homogeneous
- Apply **Shear Grout 502** by pouring or pumping method up to 10 -15 mm below the top level of slabs
- Use vibrator to release the air to compact the grout
- Seal remaining height up to the top level of slabs by filling with **Anchor Grout 515**

CURING

- Natural air curing is sufficient

SAFETY

Wear NIOSH approved facemask during mixing as to avoid inhaling of dust.

May cause irritation to eyes and skin:

1. In case of contact with eyes, rinse immediately with water and seek for medical advice if needed.
2. In case of contact with skin, rinse immediately with soap and water. To seek medical advice if needed.

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