



# SEALPROOF 8008

## Non Shrink Cementitious Grout

### Product Description

**SEALPROOF NON-SHRINK CEMENTITIOUS GROUT 8008** is a non-shrink, cement-based, high strength developing grout, which is specially formulated for use in critical grouting operations where positive expansion and non-staining characteristics are required.

### Features

- Ease of applications
- Positive expansion to ensure effective contact and support
- Minimal downtime
- Elimination of site batching errors
- High early strength and low permeability
- Elimination of staining or deterioration
- Chloride-free permitting use in contact with reinforced steel

### Application areas

- Machinery base plates
- Gaps between base plates
- Joints between precast panels
- Bridge bearings
- For filling of precast joints and tie holes with adjustable consistency
- For repairing damaged structural elements by placing within the formwork

### Procedure & Guidelines

Typical result of Compressive Strength at a flowable consistency (0.18 water/powder ratio):

Time	Flowable	Trowellable
24 hours	2,500- 3,000 psi	2,800- 3,000 psi
7 days	5,500-6,000 psi	5,500- 6,000 psi
28 days	6,500 psi	7,000 psi

### Procedure & Guidelines

#### SURFACE PREPARATION

##### GENERAL

All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalk, and any other contaminants that can reduce adhesion.

##### CONCRETE / MASONRY

Cure for at least 28 days before application. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast polished or glazed concrete before use on floors.

##### METAL SURFACES

Metal surfaces (iron and steel) should be free from rust, scale, oil, grease, etc.

##### MIXING

It is highly recommended to use a mechanical mixer. Cement powder should be added to gauged water. A free flowing and self-leveling grout can be obtained depending on the product consistency required.

##### Flowable Yield Grout:

25 kg SEALPROOF 8008 ~ 13.5L grout when mixed with 4.5L of water

##### Trowellable Yield Grout:

25 kg SEALPROOF 8008 ~ 12.5L grout when mixed with 3.5L of water



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### APPLICATION

#### FORMWORK

The formwork should be constructed to be leak-proof to contain the material until it has hardened ie around base plates. In order to prevent leakage or seepage, all of these formers must be sealed, by using *Optimastic PU Sealant* to seal gaps between formwork & concrete.

#### PLACING

Pour grout within 15-20mins after mixing to gain full advantage of the expansion process. Grouting of base plate should be carried out continuously. Ensure to have enough material in place prior placing. Start placing the mixed grout from one side of the formwork to prevent entrapment of air. During application ensure entrapped air is able to escape through relief holes. Check for any loss in the material through the formwork or between any unsealed joints.

#### Theoretical Coverage

Approximately 0.014m<sup>3</sup> at 25kg bag of **SEALPROOF 8008** Non Shrink Cementitious Grout

#### Health & Safety

This product is non-toxic and non-hazardous in normal use. Splashes should be washed off with cold water. Eye protection is advisable. Harmful if taken internally.

Product is for Professional use only.

#### Shelf Life

This product has a 1 year shelf life is stored under room temperature.

Do not allow product to be exposed sunlight & rain.

#### Storage / Packaging

**SEALPROOF 8008** is available in 25 kg.

This product must be stored dry, protected from sun and rain. No waterproofing works should be performed if weather is unsuitable. These includes heavy rain and moisture

#### Product Limitations

Product can withstand heavy load but cannot withstand excessive abrasion.

#### Additional Information - Disclaimer

The information and in particular, recommendations relating to the application and end-use of Sealbond products, are given in good faith based on Sealbond's best knowledge and specialty on construction chemical formulations. Products are properly stored and handled in accordance with Sealbond's endorsements. Hence, subject to the care and method of application, deviations (from published values) in performance may occur. In practice, to different materials used, as well as varying working conditions and environments beyond our control Sealbond Chemical Industries Inc. strictly recommend carrying out intensive trials to test the suitability of the product with regards to the required processes and applications. Therefore, any liability for such recommendations or any oral/verbal advice is expressly excluded unless we have acted wilfully or by gross negligence. Sealbond Chemicals Industries Inc. is not liable for installation or faulty installation. It is always the responsibility of the installer/applicator/purchaser to guarantee and certify the installation of materials.

All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Data Sheet for the product awareness, copies of which will be supplied on request and is free of charge.



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