



BOSTIK NON SHRINK GROUT SP

NON SHRINK SEMI PRECAST GROUT

KEY FEATURES

- Non shrinking
- Free of bleeding and settlement
- High early strength
- Non corrosive
- Chlorides free
- Prepacked to achieve consistency in performance

DESCRIPTION

Bostik Non Shrink Grout SP is a cementitious grout with non shrink properties specially formulated for precast grouting. It is ready to use with addition of water using either hand-held mixer or mechanical mixer. It is non corrosive, non oxidizing and free of Chlorides and Nitrates.

RECOMMENDED USES

- Bostik Non Shrink Grout SP is suitable for;
- Bonding new concrete to old substrates
 - Repairs to concrete structure
 - Pre-cast components
 - Patching works

SUBSTRATE PREPARATION

All surfaces must be clean, dry, and free from dust, grease, wax, oil, laitance, curing compound and all other contaminants that likely to affect the adhesive bonding. Site practices like washing off the substrate a day before is highly encourage. Dampen dry concrete surface before application. For old substrates, it is recommended to apply Bostik Boscobond to enhance adhesion strength.

APPLICATION INSTRUCTION

MIXING

25 kg Non Shrink Grout SP require approximately 3.0 to 4.25 liters of clean water which produces approximately 14 liters of mixed product. Add the measured amount of clean water into a clean container and gradually pour Non Shrink Grout SP into the water while continuously mix using electric paddle mixer or hand held. Mixed thoroughly until homogeneous, thick tooth paste consistency is obtained. The adhesive is now ready to use.

PERFORMANCE PROPERTIES

Appearance	Grey Powder
Water Required	3.0 to 4.25 Litres of water per 25kg bag
Yields	14 Litres
Compressive Strength	> 40N/mm ² (ASTM C 109 : 2002)
Bond Strength	> 1.5N/mm ² (BS EN 12615)
Volume Change	0 to +3 (ASTM C827)
Setting Time	Initial set ≥ 1 hour Final set ≤ 4 hours (BS EN196 Part 3)
Flow Consistency	30% to 45% (ASTM C 1437)
Wet Density	Approx. 2100kg/m ³

PLACING

Use a steel trowel to push and trowel against the substrate to get a smooth finish.

CURING

Immediately after grouting has completed, exposed area should be thoroughly cured with water or curing compound.

PACKAGING

25 kg bag.

STORAGE AND SHELF LIFE

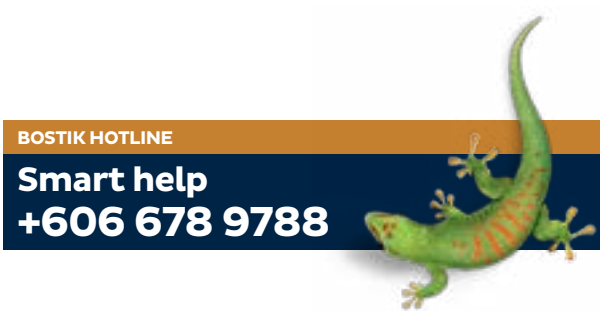
12 months from the date of manufacturing if store in original, sealed and unopened packaging, in cold, dry and weatherproof environment.

HEALTH AND SAFETY

This product is non hazardous and non-toxic but should be treated with caution. Good hygiene practices should be observed at all times. Skin and eye contact should be avoided. Plastic or rubber gloves and eye protection worn at all times. In case of eye contact, wash copiously with water and seek immediate medical attention. Material Safety Data Sheet is available upon request. Tools, equipment and spillage should be cleaned with water immediately.

LIMITED WARRANTY

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. However, no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.



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This document supersedes all previously published literature.