



# BOSTIK NS GROUT SP HIGH STRENGTH

HIGH STRENGTH SEMI PRECAST GROUT

## KEY FEATURES

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

## DESCRIPTION

Bostik NS Grout SP - High Strength is a high strength cementitious grout with non shrink properties specially formulated for all general purpose 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 NS Grout SP - High Strength is suitable for;

- Bonding new concrete to old substrates
- Repairs to concrete structure
- Pre-cast components
- Patching works

## SUBSTRATE PREPARATION

Surface should be clean, and free from oil, grease, dust and other contaminants. Dry and porous substrates should be dampen prior application of Bostik NS Grout SP - High Strength. For old substrates, it is recommended to apply a bonding coat Bostik Boscobond to enhance adhesion strength.

## APPLICATION INSTRUCTION

### MIXING

The recommended amount of water should be measured and poured into mixer. Slowly add Bostik NS Grout SP - High Strength and mix continuously for about 5 minutes using hand held or mechanical mixer until a uniform paste is achieved and ensure the mix is free from lumps.

### 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

## PERFORMANCE PROPERTIES

Appearance	Grey Powder
Water Required	2.75 to 3.25 Litres of water per 25kg bag
Yields	14 Litres
Compressive Strength	> 70N/mm <sup>2</sup> (ASTM C 109 : 2002)
Bond Strength	> 1.5N/mm <sup>2</sup> (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 <sup>3</sup>

compound.

## PACKAGING

25 kg bag.

## STORAGE AND SHELF LIFE

Store all materials in a cool dry place, in an elevated condition.

The shelf life of Bostik NS Grout SP - High Strength is 12 months from date of manufacturing if store properly in original, unopened and undamaged sealed packaging.

## HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent SDS - Safety Data Sheet (available upon request) containing physical, ecological, toxicological and other safety related data.

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. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or 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.

**BOSTIK HOTLINE**

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