

SUPERBOND Non-Shrink Grout

SUPERBOND
Specialized in Cementitious Products

For Machine Plate, Column Plate and Bridge Bearing.(For Gap Size 10-150mm.)

Description : Superbond Non-Shrink Grout is a ready to use grey powder made from special graded –sand stone, micro silica, special cement and specific additive . Easy to use just added water to produce a free flowing high strength non-shrink grout in heavy construction.

Standard : Superbond Non-Shrink Grout developed in accordance to ASTM C 109-95,

Advantages :

- Non-Shrinking, non-bleeding and expanding mortar
- Excellence resistance to chemical corrosion
- Prevent steel reinforcement corrosion
- No chloride nor metal particles
- Excellence workability
- Easy to use, can be trowel led , poured and pumped

Application :

- Machine plate and foundation
- Anchor bolt
- Precast concrete
- Bridge bearing
- Repairing concrete Structure
- Column plate

Work Instruction :

- Concrete surface should be clean and sound free from greases and loose particles
- The substrate must be saturated by water 2-3 hours before application
- Mix “**Superbond Non-Shrink Grout**” 25 kgs. with water at 3.5 litre. Mix with a low speed-drilling machine (max 600 rpm) until consistency is achieved
- Pour continuously the mixture in one direction ensure air entraining into the grout is allowed to escape. During carrying out base plate grout sufficient head of pressure should be maintained to keep the mortar flow continuously
- Use “**Superbond Non-Shrink Grout**” for grouting minimum gap 10 mm. and for maximum gap 150mm.

Note : For big gap above 150 mm. recommence to add sand stone or gravel size 4-5 mm. at 20% by weight of “**Superbond Non-Shrink Grout**”

Technical Information :

Appearance : Grey powder

Bulk Density : 2040 kg/m³

Consumption (25kg) : 13.75 Litres volume in place

Setting time : 7 hours

Compression Strength :

24 hours	348	ksc
3 days	460	ksc
7 days	562	ksc
28 days	627	ksc

Safe Life : 6 months in unopened original package

Packaging : 25 kgs /bag