



## weber.tec non-shrink grout+

### Cementitious non-shrink mortar for general purpose

- ✓ Suitable for grouting and concrete repair
- ✓ Compressive strength >700 ksc.
- ✓ No bleeding, No shrinkage

weber.tec non-shrink grout+ is pre-mixed cementitious non-shrink mortar suitable for grouting and concrete repairing works; columns, beams, precast construction cavities

- **PACKAGING :** 25 kg. / bag
- **COLOR :** Grey
- **COVERAGE :** Arouting works: Approximate 2 kg. of powder per 1 litre of mortar  
Repairing works: 16 kg./m<sup>2</sup> at 10 mm. thickness.

#### ● SURFACE PREPATATION

1. Concrete surface must be free from oil, grease and dust. Loose contaminants and unsound concrete must be chipped away.
2. Bedplate, bolts, pipes or other materials, which may have surface contact with the grout free from rust, oil, grease and dust.
3. After cleaning, saturate the concrete surface with clean water at least 3-4 hours. Ensure that no freestanding water is present on surface. Remove any free water by use of compressed air on dry towels.

#### ● MIXING

1. Mix the powder with pre-gauged clean water to suit the desired consistency.
2. For grouting, mix approx 4-4.5 litres of water with 1 bag of weber.tec non-shrink grout+ (16-18% by weight of powder or water powder ratio is 1:4 by volumn)
3. For plastering, mix approx 3-3.5 litres of water with 1 bag of weber.tec non-shrink grout+ (12-14% by weight of powder or water : powder ratio is 1: 5 by volumn.)
4. Mix with an electric drill and paddle (Max.speed 500 rpm) or in a pan or revolving barrel type mixer. allow approximately 3-5 minutes after mixing to achieve maximum results.
5. When the thickness is over than 100 mm. add 10% by weight of uniformly graded 2/8" (6 mm.) maximum size pea gravel per 1 bag. of weber.tec non-shrink grout+

#### ● USES AND ADVANTAGES

1. Uses for the installation of heavy machinery base-plates, columns and tracks.
2. Repair the holes in concrete or uses for assembly part of precast concrete structures.
3. Uses for the installation of steel bars and anchor bolts.

#### ● RECOMMENDATION FOR USE

1. Formwork should not allow grout loss and should be stable
2. Maintain continuous head when base-plate grouting. Mortar flow should not be interrupted
3. During application ensure air entrained into the grout is able to escape
4. To prevent rapid surface drying and crazing. Use a suitable concrete curing or other approved method

#### ● SHELF LIFE & STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place (store airtight in dry and ventilated conditions, if remained in opened bag).

#### Technical data

Type	weber.tec non-shrink grout+
Density	140 g/cm <sup>3</sup> .
Chemical curing time	3-5 mins
Pot life	120 mins
Application temp	+5°C and +35°C

#### Garanteed Standard

Test	Result		
	Arouting	Preparing	
Compressive strength	1 day	310 ksc	525 ksc
	7 day	515 ksc	960 ksc
	28 day	630 ksc	900 ksc
Flexural strength	1 day	50 ksc	65 ksc
	7 day	52 ksc	80 ksc
	28 day	82 ksc	62 ksc
Expansion at 24 hrs.	1.2-1.8 mm.		
Bleeding	0%		

Note :Typical characteristics at 30°C under laboratory conditions.