

webertec non-shrink grout GP
General purpose pre-mixed cementitious non-shrink grout

Good flowability

No bleeding

PACKAGING: 25 kg bag

COLOR: grey

ESTIMATED COVERAGE:
 Approximate 1675 kg. (67 bags)/m³
SHELF LIFE & STORAGE

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

webertec non-shrink grout GP is a cementitious non-shrink grout mortar designed for general purpose

Suitable for :

- Precast grouting
- General concrete grouting
- Gaps and repair of concrete works

SURFACE PREPARATION

1. Concrete surface must be free from oil, grease and dust. Loose contaminants and unsound concrete must be chipped away.
2. Make sure that bedplate, bolts, pipes or other materials, which may have surface contact with the grout are free from rust, oil, grease and dust.
3. Damper absorbent surface until reaching its saturated point. No standing water inside the formwork.

MIXING

1. Mix the powder with pre-measured clean water to suit the desired consistency.
2. Mix approx 3.47-4 litres of water with 1 bag (25kg) of webertec non-shrink grout GP (14-16% by weight of powder or water : powder ratio is 1:4 by volume)
3. Mix 2-3 minutes with an electrical mixer (Max.speed 300 rpm)
4. Stir with a spatula for a few second to release the entrapped air.
5. Formwork needs to be stable without any gap to prevent leaking of the grout.
6. Then immediately pour the grout into the formwork.
7. In case of grouting under f.e. a machine base make sure that the grouting goes on without interruptions.
8. To prevent rapid surface drying and crazing, cure the area for 3 - 7 days and keep the non-shrink grout damp.

CLEANING OF TOOLS

Clean all tools and equipment with clean water immediately after use.

LAYER THICKNESS

Minimum 10 mm/50 mm max.

LIMITATION

Non shrink grout contain additives which expand during the plastic stage to compensate for the shrinkage of the cement. But this non-shrink property will be effective only if the material is not subjected to water loss.

TECHNICAL DATA

| Type | webertec non-shrink grout GP |
|-------------------------|------------------------------|
| Density | 140 g/cm ³ . |
| Application temperature | +5°C and +40°C |

GUARANTEED STANDARD

| Test | Result |
|---|--|
| Compressive strength ASTM C109 1 day 7 day 28 day | >200 ksc >400 ksc >550 ksc |
| Flexural strength ASTM C348 1 day 7 day 28 day | >3 N/mm ² > 6 N/mm ² > 6.5 N/mm ² |
| Setting time ASTM C-807 Initial Setting time Final Setting time | 2 hour 30 minute 3 hour |
| Bleeding | < 0.1% |
| Expansion 24 hr | > 0.2 % |

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions