



MAXGRIP®

QUICK SETTING, FLUID ANCHORING MORTAR FOR CONCRETE AND MASONRY

DESCRIPTION

MAXGRIP is a mixture of cements and selected special additives and aggregates. A pourable, cement-base, non-shrinking, quick-setting hydraulic compound.

USES

Water/Sewer Management, Road/Rail, Construction Building/Swimming Pool Industry, Bridge Building, Councils, Heavy Industry, Mining, Steel, Defence Forces.

- Setting anchor bolts, rail posts, signposts.
- Parking meters, reinforcing rods and fixtures.
- Heavy machinery anchoring, hooks, pulleys.
- Park seats, bridge railings, partitions.
- Safety rails, hand rails, balustrades.
- Flag and light poles.

ADVANTAGES

- Quick setting - 15 minutes.
- Stronger than concrete in one hour.
- Waterproof. Protects the fixture against corrosion.
- Grey Colour matching perfectly with concrete. Makes structurally sound bonds.
- Add water only - easy use.
- Waterproofs surface to which it is applied.
- Non-toxic. Odourless.
- Ideal for badly ventilated areas. Pourable.
- Contains no sulphur or iron particles, will not oxidise.

APPLICATION

Drill holes in sound concrete large enough for head and washer. If concrete is not sufficiently sound, drill deeper. To increase the strength mushroom the base of the hole by tilting the drill. Blow or vacuum out excess dust and wet sides of hole to obtain proper bonding. Place anchor bolts, with washer in hole. Mix enough material to fill the hole, mix with clean water in a water/MAXGRIP ratio of 1/ 6 approximately, about 3.75 to 4.25 litres of water per 25 kg. of material, in a pancake batter consistency in a small plastic bowl or other suitable container.

Pour a little MAXGRIP in the hole and work the bolt up and down a few times to eliminate any air bubbles. Pour in balance of mix from one side to ensure even flow.

At 20°C, MAXGRIP will set in 15 minutes, complete cure after 60 to 90 minutes and will strength as it cures, so allow more curing time for heavy machinery and other large installations. For cold

weather installations, heat hole before using MAXGRIP. Do not add antifreeze solutions to mixing water. Store material in a warm place.

RECOMMENDATIONS

Holesize should be 3 x the size of the bolt. This will ensure that the strength of the setting compares to the tensile strength of the mild steel bolt. Depth should be 5 x the diameter of the bolt or post.

PACKAGING

25 Kg. drums and 5 Kg. cans.

STORAGE

12 months in its original unopened containers, in a dry covered place, protected from dampness and frost.

CONSUMPTION

1 Kg. of MAXGRIP fill about 500 cm³

TEST DATA

Compressive strength (Kg./cm ²)	
a los 90 min. :	143 Kg./cm ²
a las 24 hours :	292 Kg./cm ²
a los 7 days:	444 Kg./cm ²
a los 28 days:	551 Kg./cm ²
Pullout strength 22 mm bolt in 80 mm hole 1)	110 Kg./cm ²
Set time I-Vicat 15 minutes.	15

GUARANTEE

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