

Fabrigrip



- Waterproof
- Pourable
- Non-shrink
- Fast Setting
- Cement-based

Bulletin 61-B
08/'03

DESCRIPTION AND USE

FABRIGRIP is a waterproof, pourable, non-shrinking, fast setting, cement base compound designed for setting fixtures in concrete. It is suitable for setting anchor bolts, posts, reinforcing rods and metal channels as well as machinery and equipment.

ADVANTAGES

FABRIGRIP is waterproof, remaining unaffected by continuous exposure to water. Its fast setting time (25-30 minutes) makes it ideal for applications requiring rapid installation. The flowable consistency of the material facilitates ease of installation, while the non-shrinking formulation of FABRIGRIP causes it to lock into the surrounding concrete.

SURFACE PREPARATION

Drill holes in sound concrete wide enough to accept the head of bolts with their washers. If concrete is not sound or of questionable strength, increase the drill depth. Allow sufficient hole diameter so the material will readily flow between the washer and the wall of the cavity. For added strength, "mushroom" the base of the hole by tilting the drill and working it back and forth during the drilling operation. Blow or vacuum out all the loose particles and dust, then dampen the walls with a swab to ensure a good bonding, dust-free surface.

For cold weather installations, heat the hole before using FABRIGRIP. Do not add a chloride based accelerator to FABRIGRIP.

APPLICATION

Place the anchor bolt, with washer in the hole. Mix enough material to fill the hole (see the chart on the back of this page for approximate quantity) but only enough material as can be placed in 5 minutes. Mix with clean water to a cake batter consistency in a small container. Pour a little FABRIGRIP in the hole and work the bolt up and down a few times to eliminate air pockets.

Fill the balance of the hole, pouring from one side to ensure an even flow of the material pressure.

FABRIGRIP will set hard in 25-30 minutes (depending on ambient conditions), but do not attach nuts for 60-90 minutes. FABRIGRIP gets stronger as it cures, so allow more curing time for heavy machinery and other installations.

CAUTION

FABRIGRIP is highly alkaline and is therefore irritating to eyes and skin. Avoid contact with eyes and skin. In case of contact, thoroughly flush with large amounts of water and call physician immediately. DO NOT RUB EYES. Wash thoroughly after handling. Do not take internally. Keep out of reach of children. Keep product dry. Consult Material Safety Data Sheet before using this product.

COVERAGE

The chart below will assist in estimating the approximate amount of material required. From the amount of material required to fill the entire hole, subtract that which will be displaced by the bolt or fixture. Lineal dimensions refer to hole depth.

Diameter of Hole or Bolt	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"
Pounds per Lineal Foot	0.049	0.110	0.195	0.306	0.440	0.685	0.780	0.99

Diameter of Hole or Bolt	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/8"
Pounds per Lineal Foot	1.21	1.49	1.78	2.06	2.39	2.74	3.12	3.53

Diameter of Hole or Bolt	2 1/4"	2 3/8"	2 1/2"	2 5/8"	2 3/4"	2 7/8"	3"	3 1/8"
Pounds per Lineal Foot	3.95	4.30	4.88	5.39	5.88	6.47	7.05	7.65

EXAMPLE:

You are setting a 1" diameter rod in a 2 1/8" diameter hole. The hole is 21 inches deep.

Calculations: 3.53#/1 foot — 0.78#/1 foot = 2.75#/1 foot
 21" ÷ 1 foot/12" = 1.75 feet
 1.75 feet × 2.75#/1 foot = 4.81#

NOTE:

Since the bolt is seldom resting on the bottom of the hole, it is advisable to allow about 5% extra for additional material required.

GUARANTEE

FABRIKEM MANUFACTURING LTD. guarantees its products when applied in accordance with its printed instructions. Results of inadequate surface preparation, improper mixing, incorrect application, inadequate protection, and other factors beyond the manufacturer's control cannot be held to the manufacturer's responsibility. No responsibility can be accepted beyond the purchase price of the product.