

DESCRIPTION

FLO-ROK FRG is a fast setting, high strength, hydraulic type anchoring cement. As it hardens, it expands to fill voids and develops 2000 psi compressive strength in 2 hours at room temperature. Controlled water additions allow the product to be used in packable (vertical) or pourable (horizontal) applications. To ensure optimal performance of FRG, the hole diameter should be at least 1" (25 mm) larger than the post being fastened. The minimum recommended embedment is 2" (50 mm).

TYPICAL APPLICATIONS

- Anchoring of wood or metal sign posts, fence posts, parking meters
- Dowel and rod installation
- Handrail installation
- Setting appliances, machinery and processing equipment
- Door stops
- Ornamental ironwork installation

LIMITATIONS

- Hot temperature will speed up setting
- At colder temperatures, below 10 °C (50 °F) use warm water
- Do not apply over surfaces that are frozen or contain frost.

FEATURES

- High strength, rapid-setting material
- Suitable for horizontal and vertical applications (controlled water additions)
- Gray color
- As it hardens, it expands to fill voids
- Non corrosive, non rusting, waterproof

MATERIAL SPECIFICATIONS

Composition and Materials: FRG Anchoring Cement is a combination of special cements and silica sand

Yield: 50 lbs pail (22.7 kg) will yield 0.42 cu.ft (0.012m³) mixed anchoring material

Color: Grey

Sizes: 11.9 lbs (FRG-12) and 50 lbs (FRG-50)

Physical Properties: Setting time: (ASTM C 191)
 Final set – 10 to 30 min.



Compressive Strength (ASTM C109)	
2 hrs.	2,000 psi (13.8 MPa)
24 hrs.	4,000 psi (27.6 MPa)
7 days	6,000 psi (41.4 MPa)
28 days	7,000 psi (48.3 MPa)