

PRODUCT DATA SHEET

PRI ROCK BOLT GROUT



Description

PRI BOND'S PRI Rock Bolt Grout is a non-shrink, precision grouting material for use with rock anchor bolts in mining, tunnelling and geotechnical applications. PRI Rock Bolt Grout is a Portland cement-based product that will provide low permeability, high early strength and protection from corrosion.

Primary Applications:

- Soil nails
- Rock bolts
- Cable bolts

FEATURES & BENEFITS:

- Pumpable
- Highly durable
- Non-shrink
- High early strengths
- Free of added chlorides

TECHNICAL INFORMATION:

Typical Engineering Data

The following results were developed
Under laboratory conditions.

Flowable Consistency

6.7 L /40 kg

Flow Rate: ASTM C 939 & CRD C 621

120% Flow (flow table)

Compressive Strength

2" (50 mm) cubes (ASTM C 109)

Age

12 hours

24 hours

3 days

7 days

28 days

Strength

2,000 psi (14 MPa)

4,000 psi (28 MPa)

5,000 psi (34 MPa)

7,000 psi (48 MPa)

9,000 psi (62 MPa)

PACKING:

PRI Rock Bolt Grout is packaged in 40 Kg bags and yields 0.43 ft³ (0.01 m³) of fluid grout when mixed with 6.7 L of water.

SHELF LIFE

1 year in original, unopened package.

HEALTH & SAFETY PRECAUTIONS:

PRI Rock Bolt Grout should be mixed with approximately 1 gallon of water per 50 lb (22.7kg) bag. The amount of mixing water may vary due to grout temperatures. Additional variations in mixing water may be required due to pumping and placement requirements.

PRECAUTIONS/LIMITATIONS

- Never leave mixed grout in the pump for extended periods of time.
- Do not add admixtures or fluidifiers.
- Store material in dry facility.
- Rate of strength gain is affected by temperature extremes.
- In all cases, consult the Material Safety Data Sheet before use.

MFG & MARKETED BY PRIBOND CEMENT PRODUCTS

