

# Specialty Grouts and Cements

## Top-Down 80 MPa Grout

Top-Down-80 is a pumpable cementitious grout for use as a bonding agent between a reinforcing member and the borehole wall in ground support systems. The product is packaged in durable water proof 20 kg bags for use in remote and harsh underground mining environments. The product is designed to minimise the risk of hard lumps entering pumping injection systems, which in turn minimises hazardous pressurisation and blockages.

### Features:

- High strength 80 MPa thixotropic cable bolt grout for "top-down" grouting
- Ready to use, mix with water and pump
- Non shrink, unique expansion system compensates for shrinkage
- Excellent pumpability
- Typically used with TGBolt, Bulbed Superstrand and other "top-down" groutable cable bolts

### Packaging:

- Durable water proof 20kg bags for use in remote and harsh underground mining environments
- 56 bags per pallet, 1.2 tonne per pallet



### Uniaxial Compressive Strength\* (MPa)

	1 DAY	7 DAYS	28 DAYS
6 litres/bag	43	77	89
7 litres/bag	33	63	80

\*UCS independent test results were obtained using 50 x 50mm cubes

Water : Grout Mix	6 - 7 litres per bag
Estimated Yield	13 - 14 litres per bag