

# Grouts

## Jennchem Bottom-Up-100 MPA Grout

Bottom-Up-100 is a pumpable cementitious grout for use as a bonding agent between the reinforcement and the borehole wall in ground support systems. The product is packaged in durable waterproof 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:

- Single bag, mix with water and pump
- Robust high strength 100MPa cementitious grout designed for mining and cable bolting applications using the “bottom-up” or “breather tube method”
- Non shrink utilizing unique expansion system compensating for shrinkage



Water/cement	Uniaxial Compressive Strength (MPa)		
	1 day	7 days	28 days
5 litres/bag	60	100	105
6 litres/bag	55	90	100

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

Estimated yield 12 – 13 litres of grout at 5 – 6 litres of water per bag