Blue Circle® Minegrout MG-M is a pre-blended Portland cement and plaster based product specifically designed for grouting in gas drainage piping systems in the mining industry.

Blue Circle® Minegrout MG-M combines Portland cement as the primary binder, plaster for rapid setting of the product, plus special additives to produce a highly pumpable grout.

Features
- Ready to use. Just add clean potable water and mix to the desired consistency.
- Fluidifies well and is pumpable.
- Fast setting.
- Does not spark.

Typical Applications
- For use in grouting in pumping systems to drain gases produced in mining applications. The product allows the pipes to be set quickly into place.

Mixing
High shear equipment such as a paddle should be used. Use only potable water.

Do not add cement, sand or admixtures to Blue Circle® Minegrout MG-M. Any additions must be solely at the users discretion.

Mix the product with clean water to the specified 9.6 litres per 20kg bag.

Once mixed, use immediately as the product is very fast setting. Wash all equipment in particular pumping lines immediately after placement.

Typical Product Performance
Typical results achieved under normal temperature conditions:

- **Pump Life:** 15 - 20 mins
- **Initial Setting Time:** 40 mins
- **Final Setting Time:** 60 mins
- **Compressive Strength:**
  - 1 day: 3.5 MPa
  - 7 days: 7 MPa
  - 28 days: 10 MPa

N.B: The above data given is based on laboratory testing under controlled conditions. Variations may occur in the field.

Yield
One 20kg bag will typically yield a mixed volume of 15 litres at a water demand of 9.6 litres per bag.

Availability
Blue Circle® Minegrout MG-M comes in 20kg plastic lined, multi-walled paper sacks.

Cleanup & Storage
Clean all tools and equipment with water promptly after use. Contact with air and moisture will cause hydration of the cementitious product. The “shelf life” of the grout is therefore dependent on storage conditions. Store in a cool dry place and well seal any unused material. It is recommended to retest the grout before use if more than 3 months old.

Safe Handling
This product contains cement chemicals and trace amounts of Hexavalent Chromium. Avoid generating dust. Use personal protection equipment against exposure and alkali burns. Wash product off unprotected skin immediately with water. The use of goggles, dust masks, barrier creams and rubber gloves is recommended. Wherever possible you should use mechanical aids or share the load with another person.

For further safety information consult the Material Safety Data Sheet for the product.