

Support pack pre-stressing
Non-Weeping system

Lokpak consists of a dry pre-bagged grout. The grout is a blend of cementitious powders that will absorb up to 2,5 times their mass of water. Two types of Lokpak are available: *non-seismic* grout with a minimum strength of 4MPa, and a *seismic* grout with a minimum strength of 6MPa

Weeping system

The weeping system comprises of a dry pre-bagged grout that can be both sand and pozzolan based. **Blokpak** grout consist of special cementitious components and specially graded sands.

Novax consist of a blend of special cementitious and pozzolanic components. Both products are batched and packaged to **SABS ISO 9001:2000** quality assurance standards.

Roofbolt grouts

Available in various set times to suit the safety requirements of mines. These are normally fast - <6 hours, medium - <8 hours and standard - 24 hours. These times relate to the time before a proof load can be applied to a standard Y16 Re-bar shepherds crook grouted into rock. Concor offers these grouts in a pumpable form to ensure the hole is completely filled.



The cube strength of these grouts tested according to SABS 869 are typically:-

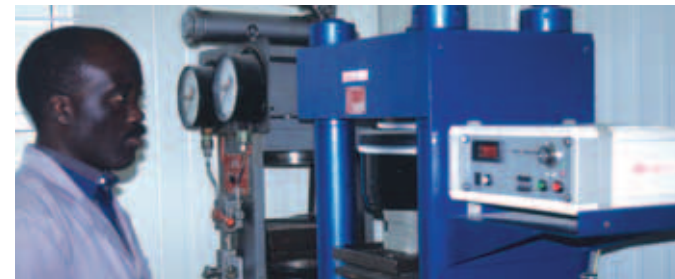


HT33 Binder and grout blends
This is a unique cementitious product with extraordinary flow properties and long term strength gain. The HT33 can be supplied as a premixed pumpcrete ideal for pumping as a structural mix into difficult areas such as Box Fronts, or as a fine grout for consolidation of loose material. The HT33 is easily converted into a foam product suitable for mixing into a tailings mix for stope support as a yielding grout pack.

Void filling

Voidcrete grouts are a special blend of Rapid Hardening Cement and chemical additives that provides a self-foaming cement which only requires pumping through conventional mixer pumps, without special foaming machines being required.

The typical yield of Voidcrete is more that 6 litres of foam per kilogram.



Quality

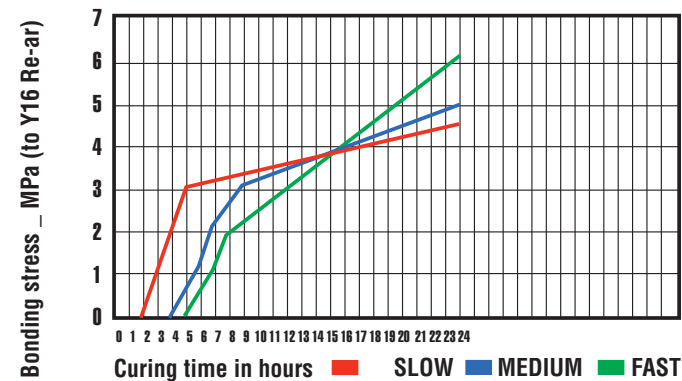
All products are manufactured according to the **SABS ISO 9001: 2000** quality assurance program. Daily tests are carried out on all products supplied, and these records are open to inspection by mine quality officers. Test are also carried out on all materials used in the manufacture of our products to ensure compliance with SABS specifications.

Benefits of Pre-bagged material

- More cost effective than loose materials
- A correct mix design for the project without guesswork
- Easy transportation and handling of materials
- Quality assured performance by an independent testing authority
- Consistent performance of final material throughout the project
- Bags can be neatly stacked against side walls to allow cars to pass unobstructed
- Packaged for underground use so cement cannot harden whilst in storage
- Manufactured in close proximity to the mines for good economy
- On site training is available – especially for the more specialized products

Roofbolt Grout

Initial Bonding Strength Gain over the first 24 hours



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Technicrete House
Cnr. Main Reef Road & Houtkapper Street, Roodepoort, 1725
Tel: 011 674 6900 – Fax: 011 672 1425
Email: info@technicrete.co.za
www.technicrete.co.za
0861 266267



A Murray & Roberts company

Branches:
Carletonville: 018 790-4380
Evander: 017 689-2100
Stilfontein: 018 484-6234

White River: 013 758-1203
Olifantsfontein: 011 203-7700
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TECHNICRETE PreBagged products

Premix



TECHNICRETE quality support

CONCRETE ROOF TILES • EROSION PROTECTION BLOCKS • KERBS • MASONRY • PAVING • **PREBAGGED PRODUCTS** • RETAINING WALLS • STOPE SUPPORT SYSTEMS

