

TECHNICAL DATA SHEET

Rock Guard SS50 Two Part Grey TSL Spray liner

Production Application

Rock Support Systems Rock Guard is a polymer-based liquid product with a HAC based cement powder, that is **acid and heat resistant** that can be used in various application and surfaces.

Rock Guard when used underground on rock face Serves as a form of support and sealer to protect the rook against the elements (weathering)

- Restraint minor key blocks between support units
- Penetrate fractures to promote block interlock
- Non toxic non flammable
- Reduce cycle to on face quick to apply
- Safe on all forms of transport cost.
- Minimal material required per square.

Description

Rock Guard is packed in a 20 kg polypropylene woven bag and a 4.8 lit polymer. The mix requires no additional liquids when mixing.
Bag Yield : 15 Liters

Mixing Instructions

One bag of Rock Guard grout and 5 lit of polymer is placed into the mixing bowl of the pump, once the product is properly mixed it can be sprayed on to the rock face.
The pump and equipment can be washed with water.

Performance Test

| | |
|-----------------------|---------|
| Tensile Bond Strength | 3.2 MPa |
| Shear Strength | 9.8 MPa |
| Shear Bond | 3.7 MPa |
| Tensile Strength | 6.8 MPa |

Packaging and Shelf Life

Supplied in woven polypropylene bags with a waterproof inner liner. Bags of 20 kg and 4.8 lit of polymer x 40 per bulk bag. Rock Guard has a shelf life of 3 months when stored unopened in dry conditions and out of direct sunlight.

Precautions

Health and Safety:

Rock Guard is non-toxic, but like all polymer/cement, is alkaline in nature. The use of gloves and goggles is recommended

Rock Guard is non-inflammatory and non-combustible.

Technical Support

Rock Support Systems Mining Supplies Pty. Ltd. provides a technical and specialist support team to back its products in assisting customer requirements.



