

FEATURES

GeoRez Fissurebond is a fire resistant injection resin based on urea silicate technology. It is designed to rapidly stabilise strata and coal by giving them structural strength and flexibility. In addition to being fire resistant and due to its unique silicate chemistry, the maximum exotherm reached during curing is well under the maximum allowed.

GeoRez Fissurebond can be used in wet environments where it shows good adhesion to wet surfaces, but will not absorb water.

GeoRez Fissurefill

urea silicate foam

GeoRez Boltlock

urea silicate bolt grouting compound

GeoRez Hydrabar

2 component urethane resin

GeoRez Sealtite 2300

2 component urethane Foam

GeoRez Sealtite 1000

1 component urethane Foam

ADVANTAGES

- Flame resistant and will not support combustion
- Not hazardous once cured.
- High early and final strengths
- Easy to handle store and use

USES

- **Tunnelling** - Sealing faces and walls, grouting tunnel structures, sealing fracture zones etc
- **Coal and hard rock mining**- stabilising and strengthening strata.
- **Containment** - curtain grouting around oil and chemical storage facilities or polluted sites
- **Water storage** - curtain grouting under dam walls, sealing fractures in foundations, preventing seepage and losses

SPECIFICATION DATA(mixed at 25°C)

Set times:	Initial: approximately 150 seconds Final: approximately 480 seconds
Compressive:	1 day: 22MPa 4 days: 40MPa
Viscosity:	300mPa.s
Density:	1.35 g/ml
Packaging:	40,400 and 2000L packs
Storage:	Store in a dry shaded area between 5°C and 35°C
Shelf life:	12 months in unopened containers

DIRECTIONS FOR USE

GeoRez Fissurebond is a two component system, with both components mixed in equal volume proportions (1:1 by volume) using a two-component injection pump coupled with a static in-line mixer head.

Cleaning

For short breaks, pump only **GeoRez Fissurebond** part A through the static mixer to remove any traces of part B.

For long breaks (e.g. storage, or after job done) pump clean water through Part A pump / injection lines; and pump **GeoRez cleaner** through Part B pump / injection lines.

Safety

Please refer to the Material Safety Data Sheet for full details.

GeoRez Fissurefill part B contains isocyanates Once cured product is harmless but it is recommended that only experienced operators use this material.

Wear appropriate PPE and avoid contact with skin and eyes.

Mop up any spills with absorbent materials such as zeolite or sand, and dispose of in accordance with local regulations. Try to prevent unreacted product from entering drains.

CRG

CRG Pty Ltd
www.crg.solutions

Disclaimer

This is not a specification, and all the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.