

GeoPro[®] LF-10

Two-component, Low Foaming
Polyurethane Injection Resin

M&T
Global Ltd

Description

GeoPro LF-10 is a two component, solvent free polyurethane injection resin. Once cured, GeoPro LF-10 forms a solid type resin, designed for sealing and consolidating.

Application

- ▶ Fissure grouting
- ▶ Rock mass & gravel consolidation
- ▶ Stabilizing face ends
- ▶ Repair of wet shafts and tunnels

Advantages

- ▶ Low foaming
- ▶ Excellent adhesion
- ▶ Solvent free
- ▶ Chemically resistant
- ▶ User friendly

Application information

GeoPro LF-10 is injected in the proportion of 1:1 by volume. The reaction and curing time is dependant on the temperature of the resin and the environment it is injected in to. To achieve optimum cured product, the components should be mixed at the point of injection using an in-line static mixer in the injection nozzle.

Storage

GeoPro LF-10 should be stored out of sunlight in a dry environment above 5°C and below 25°C. If these conditions are maintained, unopened material will have an expected shelf life of six months from the manufacturing date.

Health & Safety

Read the Safety Data Sheet before use. Only use GeoPro LF-10 as intended. Avoid contact with eyes and skin, do not ingest. Always use the necessary adequate PPE. Safety Data Sheets available on request.

GeoPro LF-10 Component A

Density	1.00-1.10g/cm ³
Viscosity	200-600mPa*S
Colour	Light Brown
Flash Point	>200°C

GeoPro LF-10 Component B

Density	1.18-1.25g/cm ³
Viscosity	150-130mPa*S
Colour	Dark Brown
Flash Point	>200°C

Reaction Information

Start of Reaction (s)	30-60
Tack Free (s)	40-80
Foam Factor (X)	1-1.2

All tests carried out at 25°C. A:B = 1:1
(by volume)

Legal Disclaimer

The information in this data sheet for the polyurethane ground injection resin (GeoPro LF-10) is provided in good faith but without warranty. It is for general guidance only and not a guarantee or specification. Users must test and confirm the Product suitability for their application and follow the Safety Data Sheet(SDS) before use. M&T Global Ltd and its Partners are not liable for any direct or indirect losses, damages, or injuries arising from the use, handling, storage, or disposal of the Product. Suggested use do not imply freedom from patent rights. Contact patent holders for permission as needed.