

Polymeric Chemicals

JennThix 2 Component Thixotropic Urea Silicate Resin

JennThix – Thixotropic 2 component Urea Silicate Resin, is specifically designed to work in harmony with Jennmar rock bolts to provide a single pass bolt installation for underground mining and tunnelling. The fast cure times and ease of installation provide rapid development through poor and wet ground conditions.

Features:

- Non foaming
- Fast cure times
- High strengths
- Fire resistant
- Penetrates cracks >0.25mm
- Adheres to wet surfaces
- Long or short pumping distances
- Easy installation
- Reacts under water
- Fast anchoring and strength development provides safer underground working conditions.
- Assists with corrosion protection

Packaging:

- 25L drums
- 1000L IBC's

Application:

- Bolt and Cable anchoring
- Consolidation of broken ground
- Water stopping in conjunction with other water stopping PUR's.
- Corrosion protection



JENNTHIX

	Component A	Component B
Colour	Clear, Light Straw	Dark Brown
Density @ 20 C	1.40 - 1.50 g/cm ³	1.15 - 1.25 g/cm ³
Flash Point AS2106.2-2005	>200 C	>200 C
Viscosity	120 - 350 mPas	50 - 300 mPa ^s

REACTION DATA A:B = 1:1 BY VOLUME

Start of reaction	Instant after mixing
Tack free	90 - 100 sec
Maximum exothermic temperature	90 C

MECHANICAL PROPERTIES

Compressive Strength	1 Hour	47 Mpa
Flexural Strength	1 Hour	13 MPa
Elastic Modulus	1 Hour	670 MPa

