

JennSil - 2 Component Non - Foaming Urea Silicate Resin

A two component non-foaming urea silicate resin, JennSil provides a semi-flexible, rapid curing ground consolidating product, with the ability to penetrate cracks as small as .25mm wide. JennSil is pumped at a 1:1 ratio by volume and is designed to increase structural integrity in poor and broken ground including underwater applications.

Features:

- Non foaming
- Fast cure times
- High strengths
- Fire resistant
- Penetrates cracks as small as 0.25mm
- Adheres to wet surfaces
- Long or short pumping distances
- Easy installation
- Reacts under water
- Can be used for rock bolt reinforcement.
- Assists with corrosion protection

Applications:

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

Packaging:

- 1000L IBC's
- 20L Drums

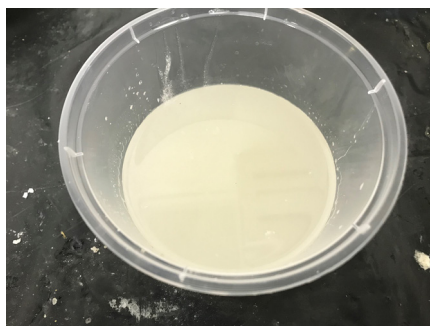
Technical Data – JennSil

	Component A	Component B
Colour	Clear, Light Straw	Dark Brown
Density @ 20 C	1.40 - 1.50 g/cm3	1.15 - 1.25 g/cm3
Flash Point AS2106.2-2005	>200 C	>200 C
Viscosity	120 - 350 mPas	50 - 300 mPas
Reaction Data		
Gel Time		90 Seconds
Tack free		120 - 130 sec
Exothermic temperature		115 C
Mechanical Properties		
Compressive Strength		50 Mpa
Flexural Strength		16 MPa
Pull-out Shear Strength (Strength recorded using 32mm diameter rope thread – bolt to JennSil interface)		9.4 MPa

Cured Sample



Part A



Part B

