

## Technical Datasheet Superseal 937

### Product Description

Truloc Superseal 937 is a medium strength thixotropic threadlocker, that cures anaerobically to lock and seal all types of metal threaded fasteners. This grade has a unique balance of mechanical strength with chemical resistance, perfectly suited to hydraulic applications and assemblies.

### Typical Applications

Truloc Superseal 937 is well suited to a number of applications including:

- Locking and sealing hydraulic connections.
- Valve manufacture and assembly.

### Instructions For Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry.
2. If the metal is inactive (see Compatibility Chart) apply suitable Truloc primer.
3. Shake the product thoroughly before application.
4. Apply the adhesive to the fixing position of the fastener or onto the internal threads of a blind hole.
5. Use suitable methods to assemble components, and tighten to required torque level.
6. Allow to fully cure before applying load.

### Properties of Uncured Material

Resin	Dimethacrylate
Colour	Brown
Viscosity @ 25°C	
Brookfield Sp 2 @ 20rpm	400 – 800 cps

### Performance of Cured Material

Fixture Speed	< 20 Minutes @ 25°C
Fixture Speed with Primer	<5 Seconds
Full Cure Time	24 hours @ 20°C
Typical Breakaway Strength	15 Nm
Typical Prevailing Strength	10 Nm
Temperature Range	-53°C to 148°C

### Packaging

Truloc Superseal 937 is available in 10ml, 50ml, 250ml LDPE bottles. In addition, we can offer automated dispensing lines for the bulk dispensing of this material.

### Storage & Shelflife

Truloc Superseal 937 should be stored in a cool dry area, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

### Health and Safety in Use

Irritant: Contains Methacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water. For full Health and Safety information please consult the MSDS.