

## Technical Datasheet AS6.315

### Product Description

**BOSS AS6.315** 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

**BOSS AS6.315**, 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 **BOSS primer CX**
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 cure fully before applying load.

### Properties of Uncured Material

Resin	Modified Acrylate
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	9 Nm
Gap Fill	0.15mm
Temperature Range	-53°C to 148°C

### Packaging

**BOSS AS6.315**, 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

**BOSS AS6.315**, 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.