

Product Description

Bondchem AS23 is a low strength high viscosity anaerobic sealant and thread locker ideally suited to metal tapered threads and fittings. Once cured this anaerobic adhesive prevents loosening and leakage from shock and vibration and offers excellent environmental resistance.

Typical Applications

Bondchem AS23 is ideally suited to metal tapered threads and fittings and has excellent lubricating properties which prevent galling on stainless steel pipes and fittings during 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 **Bondchem 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	Methacrylate ester
Colour	White
Viscosity @ 25°C Brookfield Sp 7 @ 2.5rpm	280,000 to 800,000 cps
Cure System	Anaerobic

Performance of Cured Material

Fixture Time	<180 Minutes @ 22°C
Fixture Time with Activator	<10 Minutes
Full Cure Time	24 hours @ 22°C
Temperature Range	-53°C to 120°C
Breakaway Torque	12 Nm
Prevailing Torque	2 Nm

Packaging

Bondchem AS23 is available in 50ml and 250ml LDPE tubes. In addition, we can offer automated dispensing lines for the bulk dispensing of this material.

Storage & Shelflife

Bondchem AS23 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.