Technical Datasheet WT02

Product Description

Bondchem WT02 is produced from our latest non-hazardous technology incorporating a bespoke group of high purity raw materials. This unique future-proof technology ensures that the product label requires no hazard symbols or risk and safety phrases, and enables the product to comply with even the most stringent health and safety requirements.

Typical Applications

Bondchem WT02 is well suited to metal fastener applications, where prevention of vibrational loosening is required. **WT02** is ideal on set screws, threaded nuts, bolts, screws, hex and slot driven components, including keyed fasteners.

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	Dimethacrylate
Colour	Purple
Viscosity @ 25ºC	
Brookfield Sp 2 @ 20rpm	900 - 1,500cps
Viscosity 2	Thixotropic
Cure System	Anaerobic

Performance of Cured Material

Fixture Speed	< 15 Minutes @ 25ºC
Fixture Speed with Primer	< 5 Seconds
Full Cure Time	24 hours @ 20ºC
Typical Breakaway Strength	6 Nm
Typical Prevailing Strength	4 Nm
Gap Fill	0.018mm
Temperature Range	-53ºC to 148ºC

Packaging

Bondchem WT02 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

Bondchem WT02 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

In case of contact with the skin, wash immediately with plenty of water. For full Health and Safety information please consult the MSDS.