

Product Description

Bondchem WT09 is a wicking adhesive and sealant, with an ultra fast cure system. The low viscosity and capillary action of the WT09 allows it to seek voids between assembled metal components, and then cure anaerobically.

Typical Applications

Bondchem WT09 is designed for post assembly use on all types of metal fastener, eliminating the need to disassemble prior to application. WT09 can also be used as a weld or porosity sealant, which seeks out casting irregularities (hairline cracks). A unique capillary action allows the sealant to penetrate the smallest pores or cracks to provide a positive seal. The product is fluorescent under UV lamps for inspection purposes.

Instructions For Use

1. For best results clean all exposed surfaces with a cleaning solvent and allow to dry.
2. Apply several drops of the adhesive into the fixing/engagement position of the fastener, or onto the internal threads of a blind hole.
3. Allow the product to wick into engaged components and cure.
4. Remove excess adhesive with cleaning solvent.

Properties of Uncured Material

Resin	Dimethacrylate
Colour	Green
Viscosity @ 25°C	
Brookfield Sp 61 @ 20rpm	10 - 20 cps
Cure System	Anaerobic

Performance of Cured Material

Fixture Speed	< 60 Minutes @ 20°C
Full Cure Time	24 hours @ 20°C
Temperature Range	-53°C to 148°C
Typical Breakaway Strength	20 to 30 Nm
Typical Prevailing Strength	20 to 30 Nm
Gap Fill	0.1mm

Packaging

Bondchem WT09 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 WT09 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.