

### Product Description

Bondchem WS28 is a medium strength anaerobic sealant, or gasket maker. WS28 provides resistance to low pressures immediately after assembly of the mating flange faces. WS28 is also thixotropic, which reduces the migration of the liquid adhesive following application onto the component surface.

### Typical Applications

Bondchem WS28 is designed to seal the joint between metal faces and flanges, such as valve covers, water pumps and gearbox casings. WS28 can be used with or without pre-cut, pre-formed gaskets.

### 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. Apply a continuous bead of WS28 to one of the mating metal faces.
4. Use suitable methods to assemble components, and tighten quickly to avoid shimming.
5. If required run a low pressure test to confirm a full seal has been made before the product is left to fully cure. For ultimate pressure and solvent resistance allow the material to fully cure prior to use.

### Properties of Uncured Material

|                        |                            |
|------------------------|----------------------------|
| Resin                  | Modified Urethane Acrylate |
| Colour                 | Purple                     |
| Viscosity @ 25°C       |                            |
| Brookfield Sp C @ 5rpm | 500,000 to 1,000,000cps    |
| Cure System            | Anaerobic                  |

### Performance of Cured Material

|                             |                     |
|-----------------------------|---------------------|
| Fixture Time                | < 20 Minutes @ 22°C |
| Fixture Time with Activator | <15 Minutes         |
| Full Cure Time              | 24 hours @ 22°C     |
| Temperature Range           | -53°C to 148°C      |
| Shear Strength              | 900 to 1500psi      |
| Breakaway Strength          | 6Nm                 |
| Prevailing Strength         | 4Nm                 |

### Packaging

Bondchem WS28 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 WS28 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.