

### Product Description

**Bondchem M190** is a single component hybrid elastomeric adhesive, designed for the bonding of wood, PVC, rubber and composite applications. **M190** has been formulated from an innovative solvent blend and includes a rubber based cross functional adhesion system. This unique system enables the **M190** to achieve the ultimate balance of mechanical strength and repetitive elongation whilst still remaining both simple and quick to use.

### Typical Applications

**Bondchem M190** is very versatile, and can bond a wide variety of substrates without the need for surface primers or conditioners. Typical examples shown below:

- Repairing PVC side curtains or tarpaulins
- Repairing waterproof materials and membranes
- Bonding soles in the shoe manufacture industry
- Bonding inserts and stiffeners to rubber matting

### Instructions For Use

1. Always consult MSDS before using **M190** for the first time.
2. Carry out surface preparation if required.
3. Remove cap, and pierce top of tube with inverted cap carefully.
4. Dispense sufficient adhesive to one or both surfaces.
5. Leave for 1-2 minutes then assemble components quickly, clamping if required.
6. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner
7. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components.

### Properties of Uncured Material

Resin	Solvented Rubber
Colour	Clear
Appearance	Thixotropic Gel
Viscosity Brookfield T Bar	200,000 - 300,000cps
Cure System	Solvent
Open Time	15 Minutes @ 20°C 0.6mm
Handling Strength	45 Minutes @ 20°C 0.6mm
Example of Compatible Substrates	PVC, Wood, Metal, Fibreglass, Neoprene, Vinyl, Rubber, Masonry, Ceramic and Leather.

### Performance of Cured Material

Elongation	Up to 400%
Hardness	30 Shore A
Water Resistance	Excellent

### Packaging

**Bondchem M190** is available in 50ml and 100ml aluminium tubes.

### Storage & Shelflife

**Bondchem M190** should be stored unopened in a cool dry location, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

### Health and Safety in Use

**Bondchem M190** is a flammable solvent based adhesive and should not be used without consulting the MSDS, which contains full information regarding the safe use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures.