



## TECHNICAL DATA SHEET

# MULTI-USE



3C MULTI-USE ADHESIVE & SEALANT is a Universal MS Hybrid Polymer SEALANT & ADHESIVE that bonds to almost all materials used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, copper, natural stone, treated wood, glass, brickwork, concrete and many more.

### **APPLICATIONS:**

- Can be used as a sealant or adhesive
- Extremely strong and permanently elastic
- Does not cause corrosion in metal joints
- Can be used on natural stone
- Use in areas of high humidity, anti-mould
- Paintable with most water and oil paints
- Solvent and isocyanate free
- Excellent UV, weather and ageing resistance
- Bond to surfaces without priming
- Can be used on horizontal & vertical joints
- Use on joints up to 50mm
- Interior & exterior applications
- Bonds to slightly damp surfaces
- Sealing joints in automotive applications

### **PREPARATION:**

The surface to be joined must be clean and free from dust and grease. It can be applied on surfaces that are slightly damp. It is recommended that surfaces being bonded are supported till fully cured. For strongly absorbent substrates it is recommended to use a primer. It is advisable to do bonding tests before full application. It is the user's responsibility to check whether the product is suitable for the application.

### **SHELF LIFE & STORAGE:**

Use within 12 months from the manufacturer date. Store in cool dry conditions between + 5° C and 25°C.

### **LIMITATIONS:**

- Use on joint constantly submersed under water
- Minimum joint width or depth is <5mm
- Gluing PE, PP, PA and Teflon®
- On bituminous surfaces
- On polycarbonate or polyacrylate

<b>TECHNICAL CHARACTERISTICS</b>	
Basic ingredient	MS hybrid polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.V.)	40 min
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm/24 h
Density : ISO 1183	1,48 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Shore A hardness : ISO 868	40
Joint movement capacity : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,80 N/mm <sup>2</sup>
Elongation at break : ISO 8339	230%
Modulus at break : ISO 8339	1,10 N/mm <sup>2</sup>
Solvent & isocyanate content	0%
Dry matter content	ca. 100%
Temperature resistance	-40°C - +90°C
Very good moisture resistance and not sensitive to frost	

## **HEALTH & SAFETY:**

Please consult the MSDS for more information.

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