



## TECHNICAL DATA SHEET

**Tradeseal MS Sealant Construction Grade** is an all-purpose, single-component, high grade sealant. It is useful for a wide range of applications in the building and construction industries and can be used across an extensive range of conditions. It demonstrates exceptional adhesion & superior bonding to most building materials & to a variety of surfaces.

### Key Performance Properties:

- High weather resistance
- Paintable
- Silicone oil-free
- Stain-free
- Primer free
- Environmentally friendly & safe
- High strength
- No toxic substances
- Solvent-free
- Easy to apply

### Recommended Uses:

**Tradeseal MS Sealant Construction Grade** is suitable for internal & external sealing joints, such as tile and stone, paving, concrete floor and walls, brickwork, render and CFC walls. It is particularly effective for window frame perimeter sealing, especially in cases where painting over the sealant is necessary. Preliminary compatibility test recommended prior to application.

### Technical Data:

PROPERTY	VALUE
<b>Curing System:</b>	Room temperature moisture cure
<b>Consistency:</b>	8.4
<b>Skin Time:</b>	20 – 30 mins
<b>Cure Time:</b>	3mm – 1 day
<b>Slag / Slump:</b>	Nil
<b>Shore A Hardness:</b>	45 - 52
<b>Elongation at Break:</b>	500%
<b>Tensile Strength:</b>	3.0 Mpa
<b>Specific Gravity:</b>	1.53 ± 0.03 g/ml
<b>Temperature Resistance:</b>	-30~100°C
<b>Movement Capability:</b>	± 20%
<b>Low VOC Compliance</b>	Yes
<b>VOC Content</b>	3.6 g/kg
<b>UV &amp; Ozone Resistant:</b>	Yes





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### Surface Preparation:

- Ensure the surface is clean and dry, and remove all grease, dirt, water and surface contaminants prior to application.
- Apply masking tape for a neat finish and remove within the working time.
- Insert a backing rod if depth of joint is excessive.

### Product Application:

- Carefully cut the tip of the sausage and then trim the nozzle to the required diameter, ideally at an angle between 45° to 60°.
- Insert sausage into caulking gun.
- Apply the sealant in a single bead using a caulking gun.
- For a smooth finish, shape the bead of the sealant with a clean, dry tool while it's still workable and before skin forms.
- If applicable, remove masking tape immediately after tooling is complete.
- Wet sealants can be cleaned up with acetone or mineral spirits.
- Cured sealant can be removed by trimming with a sharp blade.

### Health and Safety:

- On contact, uncured sealant may cause irritation.
- Avoid contact with skin and eyes and avoid breathing in vapour.
- Appropriate safety gear, including protective gloves, clothing, mask and eye protection is advised.
- If skin irritation or rash develops, seek medical advice and attention.
- Contaminated clothing should be removed and washed before reuse.
- Refer to material safety data sheet for more detailed information.
- Keep out of reach of children.

### Packaging:

- 600ml - Sausage
- Available in cartons of 20

### Shelf Life / Storage:

- Store out of direct sunlight and heat.
- Store below 25°C.
- Shelf life is 12 months in unopened container when stored below 25°C.





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### Notes:

We recommend all applications should be pre-tested to ensure results are to the expectation of the user. Adhesion to the substrate should be tested to ensure adequate adhesion and no staining occurs (particularly with natural stones).

The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or test is given without guarantee or warranty. Refer to the Material Safety Data Sheet for information on storage and handling, health and safety and transport.

