

# TREMglaze 25

## One Part, Neutral Cure, Silicone Sealant

### PRODUCT DESCRIPTION

TREMglaze 25 is a one part, gun grade, neutral cure silicone sealant that reacts with atmospheric moisture to form a permanently flexible & extremely durable weatherproof seal.

### USAGE/PURPOSE

TREMglaze 25 can be used on many types of glass, ceramics, aluminum, granite, concrete, galvanised steel & various plastics.

It can be used for:

- Precast panel facade joints
- General purpose glazing & weatherseals
- Roof & gutter joints
- Skylights & air conditioners

### FEATURES & BENEFITS

- Neutral cure - low odour
- Non slumping
- Outstanding weather-ability & UV resistance
- Excellent adhesion
- Easy application

### PACKAGING

300ml Cartridges - 25 cartridges per box

### COLOURS

Translucent

### SHELF LIFE/STORAGE

12 months when stored in undamaged packaging in a clean, dry, protected location. The temperature should not exceed 25°C as this will decrease shelf life.

### LIMITATIONS

TREMglaze 25 is not recommended for:

- Continuous water immersion applications.
- In aquarium construction &/or structural glazing.
- For certain rubber products where bleeding of plasticiser may occur.
- In horizontal walkways where sealant will be subject to abrasion.
- Facades where the sealant would be painted over.



### SUBSTRATE PREPARATION

- All surfaces must be clean, dry, sound & free from dust, oil, rust or any other contamination.
- Metal & glass should be cleaned with Tremco IPA Cleaner. Solvent should be wiped from the surface with a clean, dry cloth.
- For plastics contact the manufacturer for a recommended cleaning solvent.
- When used on remedial work all existing sealant must be removed.

### PRIMING

TREMglaze 25 bonds tenaciously without the assistance of a primer, however some substrates will require primer to develop adhesion. In the event primer is needed, use the following:

- For Porous Substrates: Use Tremco Silicone Porous Primer.
- For Non Porous Substrates: Use Tremco Silicone Metal Primer.

### JOINT DESIGN CONSIDERATIONS

Joint width should be 4 times anticipated movement, but not less than 6mm wide.

### SEALANT BACKING

Polyethylene backing rod is recommended to provide correct joint depth to width ratio, as well we prevent 3 sided adhesion. Open cell backing rod is recommended to allow for faster curing, however closed cell may also be used.

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Cure Method	N/A	Oxime
Sag/Slump	N/A	None
% Solids	N/A	95%
Hardness (Shore A)	ASTM D2240	18
Tensile Strength	ASTM D412	1.0 - 1.5 MPa
Elongation at Break	ASTM D412	510%
Joint Movement	ASTM C920	+/- 25%
Skin Time	20°C 50% RH	9 Minutes
Cure Time	25°C 50% RH	2mm per day
Application Temperature	N/A	-60 to 180°C

### METHOD OF APPLICATION

- ❑ Surface must be clean, dry & free from loose material.
- ❑ Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun & tool with a round spatula within 5 minutes to spread the sealant against the joint surfaces.
- ❑ When necessary to produce a neat appearance masking tape is recommended. This should be removed immediately after tooling before a skin forms.

### COVERAGE RATE

(Approximate Linear Metres per 300ml Cartridge)

DEPTH	WIDTH			
	6mm	10mm	20mm	25mm
6mm	8M	5M	-	-
10mm	-	-	1.5M	-
12mm	-	-	-	1M

### ❑ FILLET JOINTS TRIANGULAR CROSS SECTION

6mm x 6mm = 33.33M

10mm x 10mm = 12M

### CLEAN UP

Tooling is recommended immediately after application to ensure firm, intimate contact with the joint interface. Dry tooling is preferred. Cleaning can be accomplished with solvents such as Tremco IPA Cleaner or Tremco Xylene while sealant is in an uncured state.

### HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet (SDS) must be read and understood prior to use.

### TECHNICAL SERVICE

Tremco CPG Australia Pty Ltd has a team of Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

### GUARANTEE/WARRANTY

Tremco CPG Australia Pty Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG Australia written instructions and (b) in any application recommended by Tremco CPG Australia, but which is proved to be defective, will be replaced free of charge.

Any information provided by Tremco CPG Australia in this document in relation to Tremco CPG Australia's goods or their use is given in good faith and is believed by Tremco CPG Australia to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. Tremco CPG Australia makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.

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