

ONE PART POLYURETHANE ELASTOMERIC SEALANT

KEY BENEFITS SUMMARY

- Wide movement accommodation $\pm 25\%$
- Anti pick
- UV resistant
- Paintable
- Excellent adhesion to most common building substrates

PRODUCT INFORMATION

DESCRIPTION

TREMflex®60 is a one part polyurethane based elastomeric sealant and adhesive.

USAGE/PURPOSE

- Perimeter sealing of windows
- Curtain wall sealing
- Masonry joints
- Precast and tilt panel expansion joints
- Sealing of sheet metal and building claddings
- General sealing of construction joints
- Schools, prisons and public areas

PACK SIZE

600ml sausage (20 per carton)

PRODUCT CODE

240259

COMPOSITION

TREMflex®60 is a one part moisture curing polyurethane

TECHNICAL INFORMATION

| Property | Test Method |
|--------------------------------|--------------------------------------|
| COLOUR | Grey |
| SPECIFIC GRAVITY | Approx 1.16 |
| HARDNESS (ISO 868/3 sec) | 55 Shore A |
| SERVICE TEMPERATURE | -40°C + 90°C (cyclic) |
| ELONGATION @ BREAK | 400% |
| SLUMP RESISTANCE (ISO 7390) | Good |
| SKINNING TIME | 1 hour (@ 23°C and 65% RH) |
| CURE TIME | 4mm per 24hrs (@ 23°C and 65% RH) |
| MOVEMENT (ISO 11600) | $\pm 25\%$ |

NOTE: Typical Properties should not be used as Specifications

USAGE GUIDELINES

SUBSTRATE PREPARATION

- Joint faces should be clean, dry, sound and free from any contaminants likely to impair adhesion
- Remove any loose or friable surfaces such as cement laitance etc
- If necessary clean substrate with Xylol or Methyl Ethyl Ketone (MEK), do not use soap and water. If required, apply the recommended Tremco Primer and allow to dry

JOINT DESIGN CONSIDERATIONS

- Minimum joint size is 6mm x 6mm
- For joints 6mm to 12mm wide, the width to depth ratio should be equal (ie: Square)
- Joints 12mm – 25mm the depth should be equal to half the width (ie: 2:1)



TREMflex® 60

METHOD OF APPLICATION

- ❑ Recommended application temperature range +5°C to +40°C
- ❑ Install an approved closed or open cell round polyurethane joint backing to control the depth of sealant. Use correct size backing rod to achieve recommended compression (approx 20 – 30%)
- ❑ A self adhesive bond breaker tape can be used when the joint shape does not allow the use of joint backing
- ❑ Dry tooling is recommended immediately after application of sealant

LIMITATIONS

- ❑ Not suitable for prolonged immersion in water

PRIMING

TREMflex®60 does not need a primer for most building substrates. However, for new applications, field adhesion testing is recommended before commencement of the main installation.

CLEANING

Remove excess sealant and smears adjacent to the joint (use masking tape where appropriate). Equipment may be cleaned with MEK, Xylol or Toluol, cured sealant can only be removed mechanically.

STORAGE

Store in shaded dry conditions between +5°C and +25°C

SHELF LIFE

9 months when stored as recommended in original unopened containers

HEALTH AND SAFETY PRECAUTIONS

- ❑ Avoid contact with skin and eyes. May cause irritation and skin sensitization. Product contains flammable solvent. Always ensure adequate ventilation and keep away from flames and ignition sources
- ❑ Material Safety Data Sheet (MSDS) must be read and understood before use

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales 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 products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO 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 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.