

PRODUCT DESCRIPTION

SG635 is a 300kg density PVC foam which is coated both sides with high tack acrylic adhesive with blue filmic liner for easy release. SG635 has an open cell structure to allow curing of structural silicones on all sides of the joint.

USAGE/PURPOSE

SG635 is designed to give a specific gap thickness for structural silicone in structural glazing systems. The open cell nature of the foam allows curing of structural silicones.

** All structural glazing applications must be reviewed and approved by Tremco. Contact your local Tremco Representative for more information*

FEATURES & BENEFITS

- ❑ Compatible with Tremco Structural Silicone adhesives
Consult Tremco Technical Services for further information.
- ❑ High shore hardness giving guaranteed joint thickness
- ❑ Low thermal conductivity
- ❑ Available in a range of widths and thicknesses to suit a range of structural systems
- ❑ Fast recovery from compression

SIZES

6mm x 6mm
6mm x 9mm
6mm x 12mm

9.5mm x 9mm
9.5mm x 12mm

Special sizes available on request
Multiple rolls in boxes with silicone interleaves

PACKAGING

Black

SHELF LIFE

24 months when stored as recommended in original unopened packaging.

STORAGE

Store in original, undamaged packaging in a clean, dry, protected, shaded location with a temperature between 10°C and 30°C

STANDARDS

Tested to ASTM E96-2005 water vapour transmission to determine open cell airflow structure.

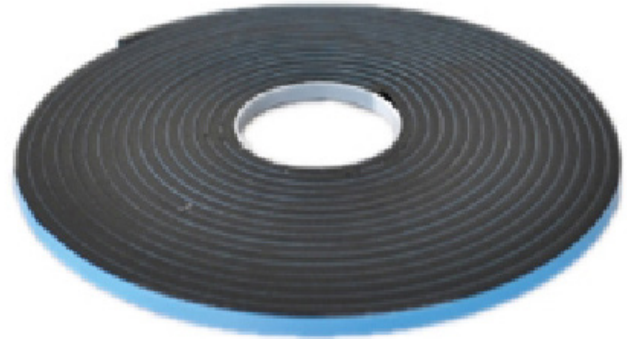
Tested for use with Tremco Structural Silicones (*consult Tremco Technical Services for further information*)

PREPARATION

1. Surface must be sound, clean, and dry. Contact surfaces should be free of loose dirt, dust, oils, and any other contaminants. Tremco recommends that air temperatures be 5 °C or above before applying any sealant. If colder weather is imminent, please contact Tremco Technical Services or your local Tremco Sales Representative.

2. Adhesion is very quick and increases over 24 hours, therefore position tape as accurately as possible and reposition very quickly if necessary.

3. It is advisable to run evaluations to ensure that all surfaces are compatible with our tapes.



HEALTH & SAFETY PRECAUTIONS

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

TECHNICAL SERVICE

Tremco 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 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.

TYPICAL PHYSICAL PROPERTIES		
PROPERTY	STANDARD	RESULT
Carrier		None
Release Liner		Filmic liner
Adhesive		Pure acrylic
Coat Weight		70 gsm
Adhesive Strength (FINAT TM 1-adhesion of polyester 50 um against stainless steel)		1 minute 14 N/25 mm 20 minutes 16 N/25 mm 24 hours 21 N/25 mm
Density		300 kg/m ³
Tensile Strength	DIN 53571	0.50 MPa min
Elongation	DIN 53571	150% min
Tear Strength	DIN 53515	2.5 kg/cm min
Compression Set	DIN 53572	10% max
Final Recovery	DIN 53572	90-98%
Force to compress by 5% (to retain air permeability)		40 N/cm ²
Water Absorption		8% by volume
Cold Flexure	6 mm Madril	-30°C pass
Temperature Resistance	BS 2571	-50°C to +60°C
Thermal Conductivity		0.19 w/(m.k) or 0.16 kcal
Shore Hardness	Shore 00	75-85
Resistance to Ageing		Excellent
Resistance to Chemicals	<ul style="list-style-type: none"> Acid Mineral Oil Alcohol Alkalis Petrol 	<ul style="list-style-type: none"> Good Good Good Good Good

* All coverage rates are approximate & vary with substrate condition.