

# POLYshim<sup>®</sup> II Tape

**MACRO BUTYL BASED  
PREFORMED TAPE WITH  
CONTINUOUS E.D.P.M. RUBBER SHIM**

## Key Benefits Summary

- Eliminates the use of individual spacer shims.
- Highly adhesive with the adhesion improving with age.
- Remains permanently elastic, even at low temperatures.
- Reduces stress on glass edge.
- Unaffected by ultra-violet light.
- Continuous E.P.D.M. rubber, built in shim.

## Standards

Passed AAMA testing procedures at

- Warnock Hersey International Ltd, Toronto.
- Construction Research Laboratory, Miami Florida.
- Industrial Testing Laboratory, St Louis Missouri.

## PRODUCT INFORMATION

### DESCRIPTION

A macro butyl based preformed tape with a continuous built-in E.P.D.M. rubber shim. Is highly elastic with instant adhesive qualities. Provides weathertight security, when under constant compression.

### USAGE/PURPOSE

The main area of usages is for sloped/overhead glazing applications and when glazing of high performance systems is required.

### LIMITATIONS

- Do not use in applications subject to prolonged periods of water immersion.
- Do not use in areas where temperature may exceed 100°C.

### COLOUR

Black

### PACKAGING

3.8mm x 9.5mm (3.2mm shim dia) 243.8m per ctn.  
5.5mm x 9.5mm (4.8mm shim dia) 152.4m per ctn  
7.1mm x 9.5mm (6.4mm shim dia) 121.92m per ctn

## TECHNICAL INFORMATION

### PERFORMANCE (Typical Properties)

- SOLIDS  
100%
- TEMPERATURE RANGE  
Service -50°C to +100°C  
Application -7°C to +50°C
- LIFE EXPECTANCY  
20 years minimum
- MANUFACTURING TOLERANCES  
+0.2mm

NOTE: Typical Properties should not be used as Specifications.

### USAGE GUIDELINES

#### SURFACE PREPARATION

- All joints should be free from dust, grease, oil, loose mortar and any other foreign material.
- Ensure that all openings are square and plumb and seal all butt and mitre joints, prior to placement of POLYshim<sup>®</sup> II Tape.

#### PRIMING

No priming is required on most aluminium substrates.

#### METHOD OF APPLICATION

- If the butt joint in the sash is in a vertical direction, the tape should be applied on the head and sill in the first instance.
- Ensure the tape is placed over the joint.
- If the butt joint is in the horizontal direction then the tape should be installed on the jambs in the first instance.
- Again ensure the tape is placed over the joint to form a perfect seal.
- Be careful not to apply too much pressure, as this could lead to an indentation in the tape.

NOTE: DO NOT overlap the adjoining sections of tape as this will create a high point and have the potential for glass edge stress, leading to glass breakage.

The tape is placed on the release paper in an "offset" position.

Use the edge of the tape as a guide against the edge of the framing section.

Remove release paper, just prior to placement of glass. DO NOT apply tape in any application which would allow the tape to be left exposed overnight.

# **TREMCO**

## **POLYshim<sup>®</sup> II Tape**

### **HEALTH AND SAFETY PRECAUTION**

POLYshim<sup>®</sup> II Tape is non hazardous.

### **STORAGE**

Store in dry conditions in unopened cartons between +5°C and +25°C.

### **TECHNICAL SERVICE**

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specifications of products. For more detailed information or service and advice call Customer Service on (02) 9638 2755 or fax (02) 9638 2955.

### **GUARANTEE/WARRANTY**

We warrant our products to be free of defects and manufactured to meet published physical properties when tested according to applicable specifications and TREMCO standards.

Under this warranty we will provide at no charge, product to replace any product proven to be defective when applied in accordance with our written instructions and in applications recommended by TREMCO as being suitable for this product.

All claims concerning product defects must be made within 12 months of shipment. Absence of such claims in writing during this period will contribute a waiver of all claims with respect to such product. This warranty is in lieu of any and all other warranties expressed or implied.