

## FLEXISTRIP®

Version No.4

Revision Date: 08/06/2019

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### DESCRIPTION

Flexistrip® is the market leading load bearing security glazing strip used for installing double glazed units, laminated glass and single glass into windows and doors in exterior and interior situations. Combining superior performance, durability, security and ease of use with a neat and an instantly overpaintable finish, Flexistrip® fulfils the many requirements of factory glaziers, site glaziers and specifiers.

### KEY FEATURES

Suitable for both non-drained and drained & ventilated frames.

Excellent finish - does not require capping.

Eliminates need for distance pieces - quick to apply.

Can be overcoated immediately with solvent / water borne paints and stains.

Immediate application onto coated timber - no special primers required.

Available in a wide variety of widths and sizes.

Superior load bearing characteristics - can accommodate wind loads up to 2000Pa when used in the B6 System.

Durable material - service life in excess of 20 years depending on conditions.

Enhanced security - suitable for use under Secured by Design Scheme when used in the B6 System and tested for use.

Specify with confidence - the UK market leader.

### TECHNICAL APPROVALS

NHBC Chapter 6.7.

Approved for use with **Pilkington Activ**™ self cleaning glass.

Tested to BS6375 Part 1:1989 and achieved a Weathertightness classification of 2000Pa Special (High Exposure Rating) when used in the B6 Glazing System.

Glass & Glazing Federation Manual Section 4.2.

BS 7950: 1997 Specification for Enhanced Security Performance of Casement and Tilt/Turn Windows for Domestic Applications (Annex A5 Glazing Removal Test).

Secured by Design.

BS 8000 Part 7: 1990.

### USES

For installing single glass and double glazed units into timber windows and doors on site or in the factory.

For internally and externally beaded frames.

For installing double glazed units and single glass into steel windows.

As part of Hodgson Glazing Systems B6, D3, and R1. A performance specification and glazing method statement for each of these glazing systems is detailed on our Website - visit our Technical Library.

It is essential that timber frames and properly maintained to avoid damage to the timber or glazing seals due to movement.

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### PERFORMANCE

**Adhesion:** Excellent to glass, primed or base stained wood, and steel

**Compression to seal:** Positive compression

**Density:** 1.6g/cm<sup>2</sup>

**Elongation at break:** >250%

**Force to compress by 20%:** 1.1kg/cm<sup>2</sup>

**Movement accommodation:** ±10%

**Moisture Vapour Transmission Rate:** 0.25g/m<sup>2</sup>/24hr/mm

**Paintability:** Excellent

**Resistance to mould:** High

**Service life (predicted):** in excess of 20 years

**Service temperature range:** -40°C to +70°C

**Shrinkage:** <1%

**Slump:** Nil

**Staining:** Nil

**Tack:** Very good

**Tensile strength:** 1.4kg/cm<sup>2</sup>

**UV resistance:** Excellent

**Thermal Conductivity:** 0.436 W/mK at 10°C

### APPLICATION

#### PROPERTIES

**Application temperature range:** +5°C to +30°C

**Shelf life:** 24 months when stored flat in original packaging in cool, dry conditions.

#### INSTRUCTIONS

**Surface preparation:** All surfaces should be clean, dry and free from frost, grease and loose materials.

**Application:** Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer other surface to the sealant and push firmly to seal across the joint.

### PACKAGING

9mm x 2.5mm (19M) x 24 reels - Mahogany and off-white.  
 10mm x 2.5mm (19M) x 24 reels - Mahogany and off-white.  
 12mm x 2.5mm (19M) x 20 reels – Black, Mahogany and off-white.  
 12mm x 3mm (15M) x 20 reels - Black, mahogany and off-white.  
 15mm x 2.5mm (19M) x 16 reels – Black, mahogany and off-white.  
 15mm x 3mm (15M) x 16 reels - Mahogany and off-white.  
 Jumbo 15 (30M) x 10 reels - Black, mahogany and off-white.

Available colours: Black, mahogany and off-white.

### GENERAL

Flexistrip® is part of a full range of speciality sealants and tapes designed for the Glass & Glazing market. For further information please contact our Customer Care Team or visit our Website.

*The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.*