

FLEXIBOND

Version No.4

Revision Date: 19/07/2013

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DESCRIPTION

Flexibond Security Glazing Strip is a revolutionary advance in glazing sealant materials. Designed for use when installing double glazed units into windows and doors, it incorporates the very latest in rubber polymer technology and does not require a silicone capping. Tested in accordance with BS6375 it provides the ultimate in protection against the ingress of moisture in high exposure environments and with outstanding adhesion to glass and timber, it also fully meets the requirements of BS7950:1997.

KEY FEATURES

Superior load bearing characteristics - tested to wind loads up to 2400Pa.	Suitable for Secured by Design Schemes when used in the D4 Glazing System.
Suitable for both non-drained and drained and ventilated timber frames.	Can be overcoated immediately with solvent/water borne paints and stains.
Quick to apply.	Excellent finish.
Eliminates need for distance pieces.	Does not require silicone capping.
Enhanced security.	Service life in excess of 20 years depending on conditions.
No primers required.	

TECHNICAL APPROVALS

NHBC Chapter 6.7.	Approved for use with Pilkington Activ ™ self cleaning glass.
BS6375 Part 1:1989 Weathertightness Classification 2400 Pa (High exposure Rating).	Glass & Glazing Federation Manual Section 4.2.
BS7950:1997 Annex A5 Glazing Removal Test, Specification for Enhanced Security Performance of Casement and Tilt/Turn Windows for Domestic Applications.	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 System D4. A performance specification and glazing method statement for the D4 glazing system is detailed on our Website - visit our Technical Library.

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PERFORMANCE

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

Compression to seal: Positive compression.

Density: 1.6g/cm²

Elongation at break: >300%

Force to compress by 20%: 1.1kg/cm²

Movement accommodation: ±10%

Moisture Vapour Transmission Rate: 0.25g/m²/24hr/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: Excellent.

Tensile strength: 1.65kg/cm²

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

15mm x 2.5mm (30M) x 10 reels

Available colours: Black, mahogany and off-white.

GENERAL

Flexibond is part of a full range of speciality sealants and tapes designed for the Glass & Glazing market. For further information please contact 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.