

PRODUCT DATA SHEET



GCA®

Version No.3

Revision Date: 02/01/2019

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DESCRIPTION

GCA® is a high performance butyl tape suitable for use in steel and aluminium roofing systems. It has been carefully formulated to provide a long-life, airtight seal to help buildings comply with Building Regulations Approved Document Part L Standard.

KEY FEATURES

25 year warranty (UK & Ireland only).

Outstanding service life.

High tack product, providing excellent adhesion.

Excellent track record of proven performance.

Strong, flexible and designed specifically to accommodate movement.

TECHNICAL APPROVALS

National Federation of Roofing Contractors (NFRC) Class A Performance – *Third party certification by a UKAS accredited laboratory.*

USES

External Metal Sheetting – sealing end and side laps in steel and aluminium roofing systems.

Metal Liner Sheetting – sealing end laps.

Sealing rooflights.

Sealing metal flashings.

Ridge and eaves sealing in combination with foam fillers.

Sealing penetrations to roof and wall cladding.

PERFORMANCE

	UNIT	NOMINAL VALUE	TEST METHOD
DynamicTensile Adhesion	N/cm ²	30	H5
Dynamic Shear Adhesion	N/cm ²	12	H15
90 ° Peel Adhesion	N/cm	7	H48
180 ° Peel Adhesion	N/cm	14	H41
Specific Gravity	g/cm ³	1.6	H6
Moisture Vapour Transmission Rate	g/m ² /24hr/mm	0.15	ISO9932 / BS ISO 15106
Service Temperature Range	°C	-40 to +110	

H – HS Butyl Test Method

Gordleton Industrial Park,
Hannah Way, Sway Road,
Lyminster, Hampshire,
SO41 8JD. UK.



T: +44 (0)1590 684400
F: +44 (0)1590 683728
E: sales@hsbutyl.com
W: www.hsbutyl.com

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APPLICATION

PROPERTIES

Application temperature range: +5°C to +40°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

5mm x 6mm (9.6m) x 30 reels
3mm x 9mm (15m) x 24 reels
1.5mm x 9mm (30m) x 24 reels
4mm bead (12m) x 30 reels
6mm bead (8m) x 24 reels

8mm bead (6m) x 20 reels
3mm x 19mm (15m) x 14 reels
3mm x 50mm (15m) x 6 reels
6mm x 50mm (5m) x 6 reels

Available colours: Grey

TOLERANCES

Rectangular sections:
Thickness $\pm 10\%$
Width: up to 25mm ± 1 mm
26mm to 100mm ± 2 mm

Bead sections:
Thickness $\pm 10\%$
Width $\pm 10\%$

GENERAL

GCA® butyl tape is part of a range of specialist butyl products for the Industrial Roofing & Cladding 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.

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