

< SCAPA CONSTRUCTION >

WINDOW & DOOR SOLUTIONS

scapaindustrial.com



Scapa
Industrial

APPLICATION-INSPIRED INNOVATION

01

Scapa's high performance, self-adhesive tape solutions provide reliable bonding, sealing, weathering and thermal properties, to enhance the design and assembly of window and door systems - whether for Insulated Glass Units (IGU), Daylight Systems or Internal Glazing and Partitioning structures.

The comprehensive portfolio, a selection of which is summarised in the accompanying table, is underpinned by consistent quality and cost effective manufacturing. We provide technical support and advice working in collaboration with our customers to deliver customised solutions. All supplied from ISO and QS Certified global facilities.

WHY TRUST TAPES FOR CRITICAL APPLICATIONS?

Whilst a number of systems are available for bonding and sealing applications, Scapa's high quality, specialist adhesive tapes and double-sided foam bonding products are a proven choice in the window, door and profile manufacturing sectors. They can outperform mechanical fastening and liquid adhesives, giving a number of benefits, as summarised below:

- › Tapes complement precision assemblies - use double sided foam tape for easy joining, a clean edge finish and to compensate for space between surfaces to be bonded together.
- › Avoid stress points and uneven distribution of tension across a surface, which can be common to mechanical fastenings. High performance tapes apportion stress more evenly across an entire surface area, ensuring a strong and durable bond.
- › Scapa high quality foams and Acrylic Foam Tapes (AFT) are flexible enough to withstand thermal movement and are suitable for use with dissimilar substrates such as metals, plastic profiles and glass.
- › Tapes are air tight and weatherproof for a wide range of environmental conditions and have noise dampening, corrosion resistance and shock absorption properties.
- › Aesthetically pleasing materials with a smooth appearance. They are quick and easy to apply, with tailored dimensions, to blend seamlessly into high value systems and designs.

01 Sealing and spacing

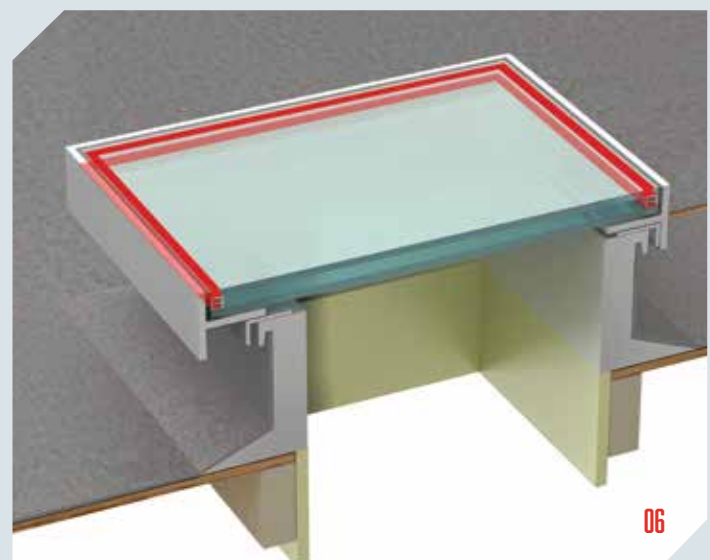
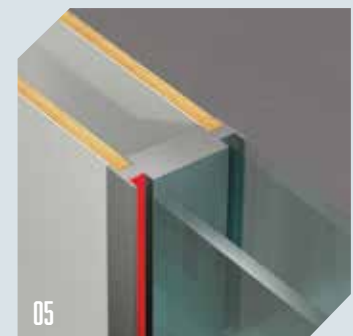
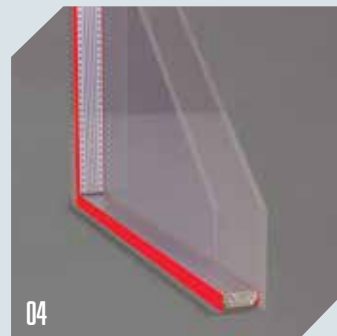
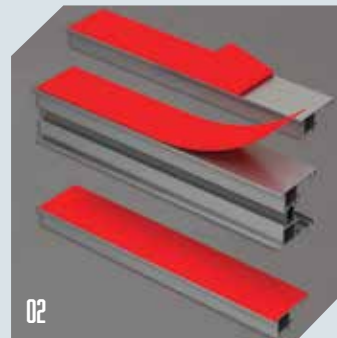
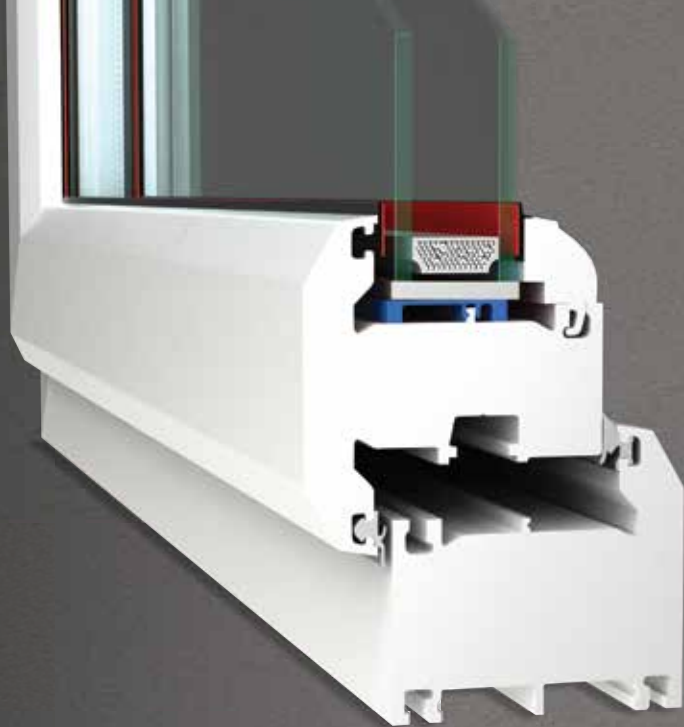
02 Long lasting protection

03 Georgian bar and decorative trim fixing








04 Spacer bar bonding and sealing

05 Profile bonding

06 Clear substrate bonding



RECOMMENDED SCAPA PRODUCTS FOR WINDOWS AND DOORS

Product Range	Products	Carrier / Adhesive Type	Applications	Features and Benefits	Product Classification
Acrylic Foam Tape (AFT)	AS1130 AS1160 AS1180 AS11T0	Acrylic Foam Tape (AFT)	For high performance bonding of glass and clear plastics where an invisible bonding tape is required	Excellent UV light resistance • Long-term wide service temperature range • Resists thermal movement • For bonding dissimilar substrates • Transparent for an invisible bond line • Available in a range of thicknesses from 0.25 mm to 2 mm	
Acrylic Foam Tape (AFT)	AS123K AS127K	Acrylic Foam Tape (AFT)	For bonding lower surface energy substrates such as Polycarbonate (PC), ABS, Acrylic (PMMA)	Visco-elastic properties allow for the expansion and contraction of materials without loss of adhesion • Very high tack for immediate adhesion, even to rougher surfaces • High strength under static and dynamic loads • UV light resistant • Available in white • Available in a range of thicknesses from 0.6 mm to 3 mm	
Aluminium Foil Tape	CW30 CW40 CW50	Aluminium Foil / Cold Weather Acrylic	Sealing edges of Insulated Glass Units (IGU)	Cold weather adhesive with excellent adhesion and initial tack • Excellent bonding over a wide temperature range • Excellent ageing, mechanical and flame resistance • Strong and durable, yet easy to conform to irregular surfaces	
Polyethylene Film Tape	UVX10	PE/Acrylic	Designed for powder coated and textured aluminium frame systems and profiles	Up to 6 months UV protection with clean removal • Excellent tack for instant bonding and longer term adhesion • Thick and conformable film for protection against mechanical damage • Good humidity resistance • Available in longer lengths for automatic application • Leaves no adhesive residue on premium products on removal • Visible red colour for easy identification	
Waterproof Cloth Tape	3159 3160PA 3163	Waterproof Cloth / Natural Rubber Resin	Sealing edges of Insulated Glass Units (IGU)	Excellent adhesion and strength • Strong and durable sealing • Good waterproof properties • Range of colours and widths, including 44 mm	
Single-sided PVC Foam	3257 3259	PVC Foam / Acrylic	Compression foam for water, air and dust sealing	Permanently flexible compression foam sealant • Tailored dimensions for a clean edge finish • Foam material acts as both a cushion and spacer • UV light resistant • Available in white, grey or black • Available in a range of thicknesses from 1.5 mm to 15 mm	
Double-sided PE Foam	5464 5469	PE Foam / Acrylic	Georgian bar / Decorative trim fixing	Provides excellent bonding and safe assembly • Resists climatic and mechanic loads • Available in both white and black • Variety of dimensions from 1 mm to 2 mm thick • Clean edge finish	

For a complete list of products available for these applications, and our full range of window and doors solutions, go to www.scapaindustrial.com our grades of tape explained section in full

OUR GRADES OF TAPE EXPLAINED

SCAPA MULTI:

Standard grade products that are great value and suitable for a range of multi-purpose applications

SCAPA PRO:

Professional grade, benchmark quality products you can rely on

SCAPA PLUS:

Premium quality products for top of the range performance and demanding applications

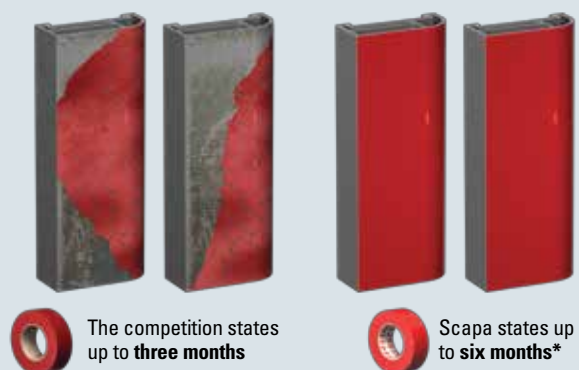


INTRODUCING THE PREMIUM OPTION FOR TEMPORARY PROTECTION

Scapa UVX10 is a 135 micron PE film coated with an acrylic adhesive system offering not only higher adhesion and improved tack but also clean removal, even after 6 months!* UVX10 is ideal for a full range of specialist temporary masking and protection applications within window and door manufacture and transportation. Specifically designed to protect premium surfaces and available in a range of lengths and format options.

HOW LONG IS TEMPORARY?
IT DEPENDS ON WHO YOU ASK!

Polyflex™ Plus 



The competition states up to **three months**

Scapa states up to **six months***

GLOBAL SOLUTIONS



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