

SOLUTIONS FOR DOOR AND WINDOW INSTALLATION

Fastening, thermal & acoustic insulation, airtightness, wind resistance and watertightness.



rothoblaas

Solutions for Building Technology

DOOR AND WINDOW INSTALLATION IN FOUR STEPS

STEP 1

FASTENING

For every profile and substrate.

Fastening solutions for the manufacture and installation of doors and windows, compatible with aluminium, PVC, timber and hybrid profiles, and with masonry, concrete, timber and mixed substrates.

STEP 2

THERMAL-ACOUSTIC INSULATION

Comfort and efficiency at the joint.

Solutions for insulating the installation joint, delivering high thermal and acoustic performance, reduced energy loss and continuity between the window, subframe and wall.

STEP 3

INTERNAL AIRTIGHTNESS

Air and vapour control.

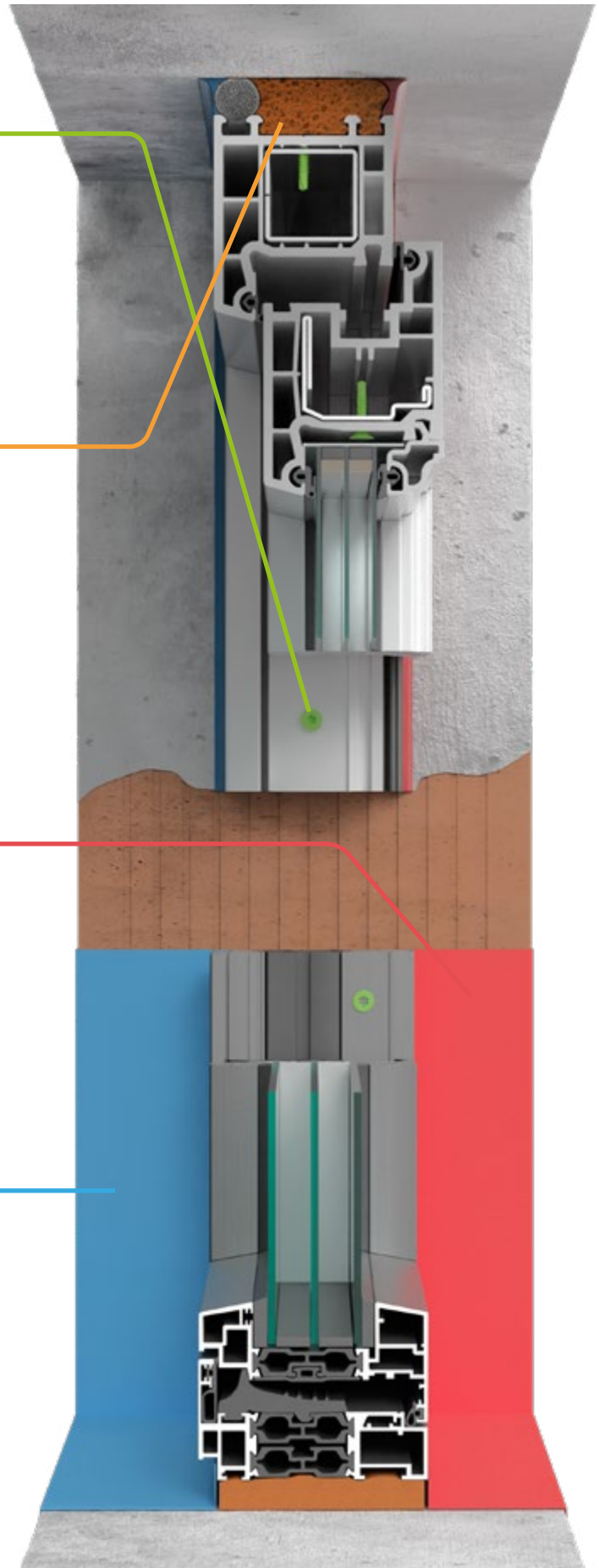
Solutions for sealing the interior joint, designed to limit air leakage, manage water vapour and reduce the risk of condensation, improving overall building performance.

STEP 4

WIND RESISTANCE AND WATERPROOFING

Exterior joint protection.

Solutions for exterior joint protection, designed to withstand heavy rain, wind and weathering, ensuring long-lasting durability and performance.



WHAT IT MUST WITHSTAND

	UV RAYS
	HEAVY RAIN
	TEMPERATURE CHANGES
	WIND
	NOISE POLLUTION
	FIRE

WHAT IT MUST GUARANTEE

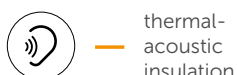
	ENERGY SAVING
	THERMO-HYGROMETRIC REGULATION
	INDOOR COMFORT
	NATURAL AERATION
	NATURAL LIGHTING
	ELASTIC RESPONSE

EXPANDING TAPE PERFORMANCE

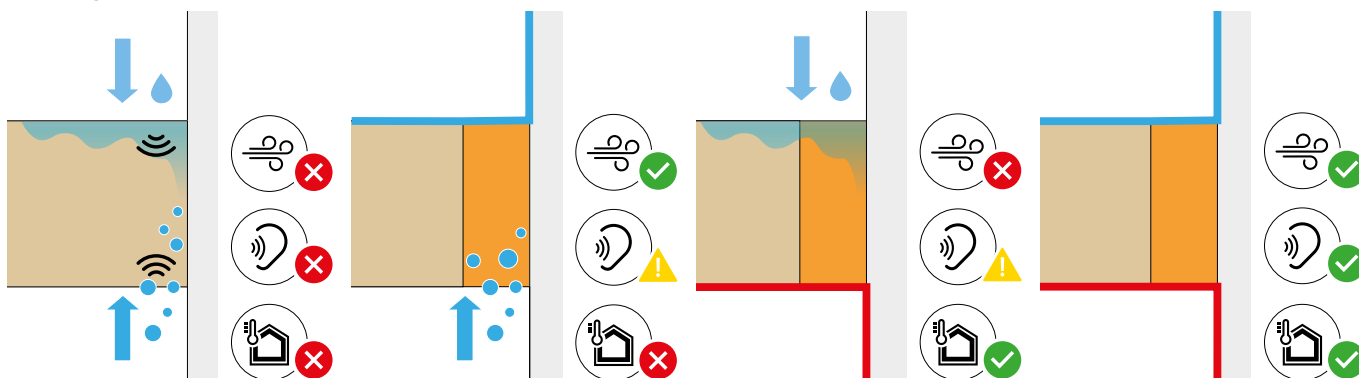
	  	intended use under the standard	resistance to heavy rain	permanent exposure
BG1	— — -	external-windtightness	≥ 600 Pa	yes
BG2	— — -	external-windtightness	≥ 300 Pa	no
BGR	- — -	internal-airtightness	-	no
MF1	— — —	multifunction-3 levels	≥ 600 Pa	yes
MF2	— — —	multifunction-3 levels	≥ 300 Pa	no

Performance according to DIN 18542.

LEVELS OF PROTECTION



EXTERIOR



INTERIOR

STEP 1 FASTENING



MBS

COUNTERSUNK-HEAD DOOR AND WINDOW SCREW FOR MASONRY

The countersunk head allows PVC and aluminium doors and windows to be installed without damaging the frame. Available with white and black caps to cover the screw head. The HI-LOW thread allows for safe fastening even near the edges of the support, thanks to the reduced tension induced on the material.



MBZ

CYLINDRICAL-HEAD DOOR AND WINDOW SCREW FOR MASONRY

The cylindrical head is able to penetrate and remain embedded in timber frames. The HI-LOW thread allows for safe fastening even near the edges of the support, thanks to the reduced tension induced on the material.



MBP

WHITE CONVEX-HEAD DOOR AND WINDOW SCREW FOR MASONRY

The convex head allows PVC and aluminium doors and windows to be installed without damaging the frame. The head design ensures a neat finish. The HI-LOW thread allows for safe fastening even near the edges of the support, thanks to the reduced tension induced on the material.



SBN - SBN A2 | AISI304

SELF-DRILLING METAL SCREW

Direct fastening, without pre-drill, of metal structural elements to steel substructures (maximum thickness: 5,25 mm). A2 version for outdoor applications.

SBN



SBN A2



✓ RELATED PRODUCTS

HH14505991

BIT WITH
METRIC
CONNECTION



MB TAP

SCREW CAPS
FOR DOOR AND
WINDOW SCREWS



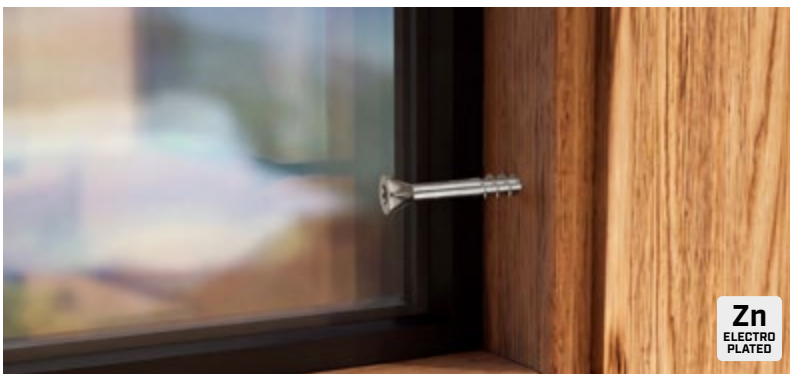
STEP 1 FASTENING



HTS

FULLY THREADED COUNTERSUNK SCREW

The slow-pitch thread ensures maximum screw-driving precision and is ideal for fixing expanded PVC reinforcement sections to profiles during the manufacture of doors and windows.



SHS

60° COUNTERSUNK SCREW

The 60° head and 3 THORNS tip allow easy insertion of the screw into small thickness without creating openings in the timber. Ideal for fastening glazing beads or small components. Also available in the AISI410 version.



SKR

SCREW ANCHOR FOR CONCRETE

The special threading requires a small pre-drill and guarantees fastening on concrete without creating expansion stresses within it.



NDC

EXTRA-LONG NYLON ANCHOR CE WITH SCREW

Plastic anchor for use in concrete and masonry, in non-structural applications. Complete with zinc plated steel screw with countersunk head. Through fastening.



WBR

ANGLE BRACKETS FOR BUILDINGS

Due to the number and layout of the fastening holes, they can be used on timber, concrete and masonry. The 70, 90, and 100 mm models are also available in a stainless steel version made of A2 AISI304.



✓ RELATED PRODUCTS

SNAIL PULSE DRILL BIT IN HM



PONY POCKET AIR PUMP FOR HOLE CLEANSING



BRUH STEEL PIPE CLEANER



STEP 2

THERMAL-ACOUSTIC INSULATION



EXPAND BAND

SELF-EXPANDING SEALING TAPE

The elastic structure adapts to irregularities in the joint, contributing to thermal and acoustic insulation as well as airtightness and resistance to heavy rain.



WINDOW BAND

MULTIFUNCTION SELF-EXPANDING TAPE FOR DOORS AND WINDOWS

Seals the gaps around French doors and windows. Protects against heavy rain and provides the three levels of protection: airtightness, wind resistance and thermal/acoustic insulation.



HERMETIC FOAM

HIGH PERFORMING SOUNDPROOFING SEALING FOAM

Maintains watertightness, airtightness and acoustic insulation even after trimming.



SMART FOAM

GENERAL PURPOSE FOAM SEALANT

Fills joints and gaps precisely while limiting stress on adjacent components.



FIRE FOAM

HIGH FIRE-RESISTANT SEALING POLYURETHANE FOAM

Maximum protection against the passage of flames, smoke or gas. The only ETA tested and certified foam for fire protection and sealing of linear joints and cracks.



RELATED PRODUCTS

KOMPRI CLAMP

EXPANDING TAPE STAPLE



FLY FOAM

AUTOMATIC LONG TUBE GUN FOR FOAMS



FOAM REMOVER

CLEANER FOR FRESH POLYURETHANE FOAM



STEP 3 – INTERNAL INTERNAL AIRTIGHTNESS



PLASTER BAND IN

SPECIAL HIGH-ADHESION TAPE, CAN BE PLASTERED

Its excellent adhesion makes it ideal for application on most surfaces, even at low temperatures. Ideal for interior application.



PLASTER BAND LITE IN

TAPE WITH ADHESIVE MOUNTING STRIP, CAN BE PLASTERED

Technical fabric ideal for application under plaster. Also available in a version with a plaster grid for indoor use.



MULTI BAND

SPECIAL HIGH-ADHESION TAPE, CAN BE PLASTERED

Its excellent adhesion makes it ideal for application on most surfaces, even at low temperatures. Technical fabric designed to be plastered over, providing a visually appealing finish.



SEAL BAND

SINGLE-SIDED TAPE FOR INDOOR USE

The preformable carrier simplifies and enhances the sealing of concave or convex corners and edges. Also available in a square version, ideal for small point seals or holes using the blowing technique, where precision is required.



✓ RELATED PRODUCTS

ROLLER
ROLLER FOR TAPES



MARLIN
CUTTER

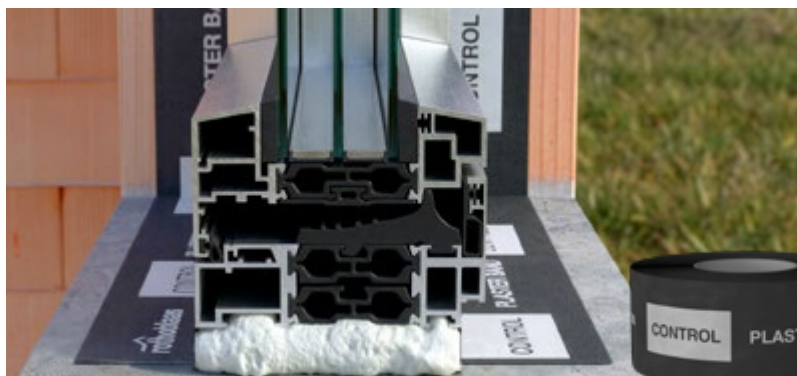


SHIM LARGE
LARGE BIOPLASTIC SPACERS



STEP 4 – EXTERNAL

WIND RESISTANCE AND WATERPROOFING



PLASTER BAND CONTROL

UNIVERSAL VARIABLE-PERMEABILITY TAPE FOR PLASTERING OVER

Multi-purpose self-adhesive tape for interior and exterior use. Variable-permeability technology promotes vapour management. High levels of airtightness and resistance to heavy rain improves the durability of the window-to-wall junction.



PLASTER BAND OUT

SPECIAL HIGH-ADHESION TAPE, CAN BE PLASTERED

Its excellent adhesion makes it ideal for application on most surfaces, even at low temperatures. Ideal for exterior applications.



PLASTER BAND LITE OUT

TAPE WITH ADHESIVE MOUNTING STRIP, CAN BE PLASTERED

The product consists of a breathable membrane integrated with an adhesive strip. This configuration makes the tape airtight and watertight. The surface is designed for places which need subsequent smoothing with plaster.

MULTI BAND UV

SPECIAL UV-RESISTANT HIGH-ADHESION TAPE

The B-s1,d0 fire reaction and flame retardant capacity according to EN 13501-1 make it one of the best performing tapes on the market.



PROTECT

SELF-ADHESIVE BUTYL BAND FOR PLASTERING OVER

The special mix guarantees excellent adhesion and deformation capacities, compensating for the natural movement of the timber. The butyl guarantees excellent adhesion to the supports also under difficult environmental conditions.



RELATED PRODUCTS

OUTSIDE GLUE

HIGH ELASTICITY UNIVERSAL ADHESIVE GLUE FOR EXTERNAL USE



PRIMER

UNIVERSAL PRIMER FOR ACRYLIC ADHESIVE TAPES



PRIMER SPRAY

UNIVERSAL SPRAY PRIMER FOR ACRYLIC ADHESIVE TAPES



STEP 4

WIND RESISTANCE AND WATERPROOFING



MS SEAL

MS POLYMER HIGH ELASTICITY SEALANT

Excellent resistance to ageing and UV radiation, maintaining high elasticity over time. Suitable for use in damp and wet environments; resistant to standing water and low temperatures.

colour: 



UNI SEALING

UNIVERSAL ACRYLIC SEALANT

Sealant for the installation and sealing of doors and windows, joints and junctions. Adheres to the main construction materials and maintains its elasticity over time.

available colours:



BASE ROD

BACKING ROD FOR JOINTS AND GAPS

Compressible closed-cell polyethylene foam backing rod. Prepares the joint before application of the sealant, optimising its performance. Ideal for joints around doors and windows and for expansion joints.



FIRE SEALING SILICONE

HIGH FIRE-RESISTANT SILICONE SEALANT

High fire resistance, ideal for sealing linear joints in walls and fire-rated doors. Also tested for resistance to flame, smoke and gas penetration.

colour: 



✓ RELATED PRODUCTS

FLUID MEMBRANE

SYNTHETIC SEALING MEMBRANE FOR BRUSH AND SPRAY APPLICATION



FLY SOFT

GUN FOR 600 ml SOFT CARTRIDGES



FLY

PROFESSIONAL GUN FOR 310 ml CARTRIDGES



STEP 4 – EXTERNAL WIND TIGHTNESS LEVEL



SMART BAND

UNIVERSAL SINGLE-SIDED TAPE WITH SEPARABLE LINER

It meets all the requirements to be classified as a tape for sealing external doors or windows, ensuring maximum safety even in case of stagnant water, heavy rain and perforations.

ASTM
TESTED

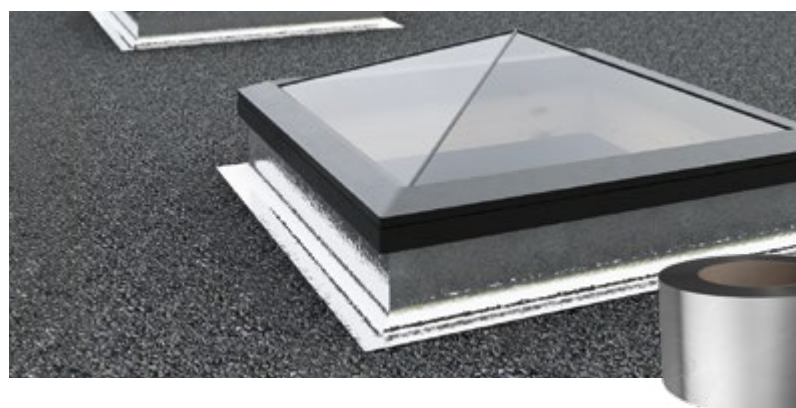
IFT
TESTED



TERRA BAND UV

BUTYL ADHESIVE TAPE

High UV resistance and adhesion to the main construction materials. Ideal for sealing and protecting joints and junctions exposed to weathering.



ALU BUTYL BAND

REFLECTING BUTYL ADHESIVE TAPE

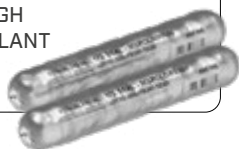
The butyl composition offers excellent adhesion on the most common surfaces, even very porous ones. The reinforced aluminium coating protects the butyl mixture, guaranteeing that the seal lasts.



✓ RELATED PRODUCTS

MS SEAL

MS POLYMER HIGH ELASTICITY SEALANT



FIRE SEALING SILICONE

HIGH FIRE-RESISTANT SILICONE SEALANT



BYTUM SPRAY

BITUMINOUS MEMBRANE SEALANT SPRAY



Download the **TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION** catalogue - the only element that protects you from the others.
www.rothoblaas.com



PERSONAL PROTECTIVE EQUIPMENT



MOBILE

MOBILE ANCHOR POINT

Quick and easy to install and remove, providing safe temporary access. It can be installed on doors, windows and inclined skylights, with no structural damage.



KITE

ANCHOR POINT

Ideal anchor point for a wide range of applications: highly versatile, it can be installed on flat, sloped or vertical timber, concrete or steel structures, ensuring operator safety.



HERO

HELMET FOR WORK AT HEIGHT, ON CONSTRUCTION SITES OR IN INDUSTRIAL AREAS

Lightweight, with a sporty design, featuring wheel ratchet size adjustment. Ventilation ensures comfort even on the hottest days.

Available in various colours and customisable with your logo.



SCAFFOLD BASE KIT

BASE KIT FOR WORKING ON SCAFFOLDING

Fall protection kit suitable as standard equipment for work on scaffolding. It includes a fall-arrest harness, adjustable lanyard with energy absorber and the FAST LINK D-shaped link. Supplied in a practical waterproof storage bag.



RSBAG



ENERGY



IRIS



POP



FAST LINK

The **FALL PROTECTION SYSTEMS AND PROTECTIVE EQUIPMENT** catalogue is the comprehensive guide for working at height in complete safety, in the construction and industrial sectors.
www.rothoblaas.com



- FASTENING
- AIRTIGHTNESS AND WATERPROOFING
- SOUNDPROOFING
- FALL PROTECTION
- TOOLS AND MACHINES

rothoschool



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