



AIRSEAL SYSTEM

Your solution for building airtightness

Adhesive solutions by **ARKEMA**



ENERGY SAVING & AIRTIGHT



Global confidence in Bostik's **innovation excellence**

Bostik products are all around us, silently connecting us to various facets of daily life, both professional and personal.

Across different industries worldwide, we help you every step of the way to overcome your challenges. Our ambition is to enable you to create whatever comes into your mind. We know your goals, your world and value you as our customer.

We are attached to your world

Adhesive solutions by **ARKEMA**

Our ambition

Delivering innovative quality products that can stimulate you as an individual or as a company to create what you have in mind.

Offering solutions that enable you to generate ideas that help shape our world. A world in which everyone is continuously challenged, every day.

Understanding needs and translating them into suitable products and solutions.

Prioritizing more sustainable products and safer solutions for all.



ADDING TO A
COMFORTABLE LIVING

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1. **Why** airtight building?

Why invest in making a building airtight? The reason is straightforward: airtight construction safeguards both building and occupants by preventing unwanted airflows.

This ensures energy efficiency and a secure environment, keeping cold air out in winter and heat out in summer. It also blocks drafts and moisture, protecting your property and health. Airtight buildings save money, provide a healthier living environment, and have a longer lifespan.

- ✓ Energy and money savings
- ✓ Healthier living
- ✓ Longer lifespan of the building

20%
energy savings
with
Air-tightness



50%
Heat loss
due to
air leakage



>60%
Relative Humidity
can cause serious
damage
to the property



2. What is **airtight construction**?

Airtight construction refers to the practice of designing and constructing buildings to minimize or eliminate unintended air leakage. It prevents cold outside air from entering warm rooms and precious warm air escaping to the outside.

Governments promote airtight building through standards, incentives and public awareness campaigns. Standards ensure energy-efficient construction, while incentives and campaigns highlight benefits like reduced energy costs and emissions.

Building codes emphasize the importance of well-engineered airtight systems to meet performance requirements. Building according to airtight principles is now the standard for new buildings, using little energy for heating, ventilation, cooling and hot water, while using as much green energy sources as possible.

The Bostik Airseal range offers building owners, contractors and architects the opportunity to build homes that comply with the principles of energy-efficiency and passive building.



3. Contributing to **energy efficiency**

Comfort and affordability are key pillars of a sustainable home. By maximizing sunlight, internal heat sources, and heat recovery, it can save up to 75% energy compared to average new construction.

Airtightness is crucial for energy efficiency

Preventing air from escaping to the outside is crucial for maintaining a comfortable indoor temperature. Airtightness is essential for energy-efficient homes, reducing both environmental impact and energy costs.

Thermal insulation helps save energy

Thermal insulation complements airtightness in ensuring energy efficiency for a Low Energy House. It's crucial to join high-performance building elements with efficient thermal insulation and maintain airtightness. Adequate insulation between adjacent building elements prevents moisture entrapment from miscalculated dew points.



4. Introducing Bostik **Airseal system**

To meet the stringent requirements for airtightness and thermal insulation, Bostik has developed the Airseal system. This product line supports high-quality building materials in achieving enhanced energy efficiency.

BOSTIK AIRSEAL is a high quality certified system which allows a perfect airtightness and a sustainable installation of window frames. It is the ideal sealing solution for professionals which is effective at 3 levels:

- 1 Air-tightness**
- 2 Thermal insulation**
- 3 Driving Rain Tightness**




BENEFITS OF BOSTIK AIRSEAL SYSTEM:

- Saves energy and reduces heating costs
- Reduces the risk of mould
- Protects the building construction and window frames
- Eliminates drafts
- Contributes to better indoor air quality
- Enhances comfort
- Lowers CO₂ emissions
- Improves sound insulation

5. Airseal: advancing building efficiency and durability


Bostik's airtight system addresses three key challenges; air-tightness, thermal insulation and driving rain tightness barrier. Ultimately when these three aspects synergize seamlessly there is an added benefit: Sound insulation.

1




Air-tightness
To effectively prevent and control airflow between indoor and outdoor spaces.

2




Thermal insulation
To enhance a building's energy efficiency also mitigating condensation within the building envelope. Achieving this requires the thermal insulation value of the joint to be at least equivalent to that of the surrounding building structure.

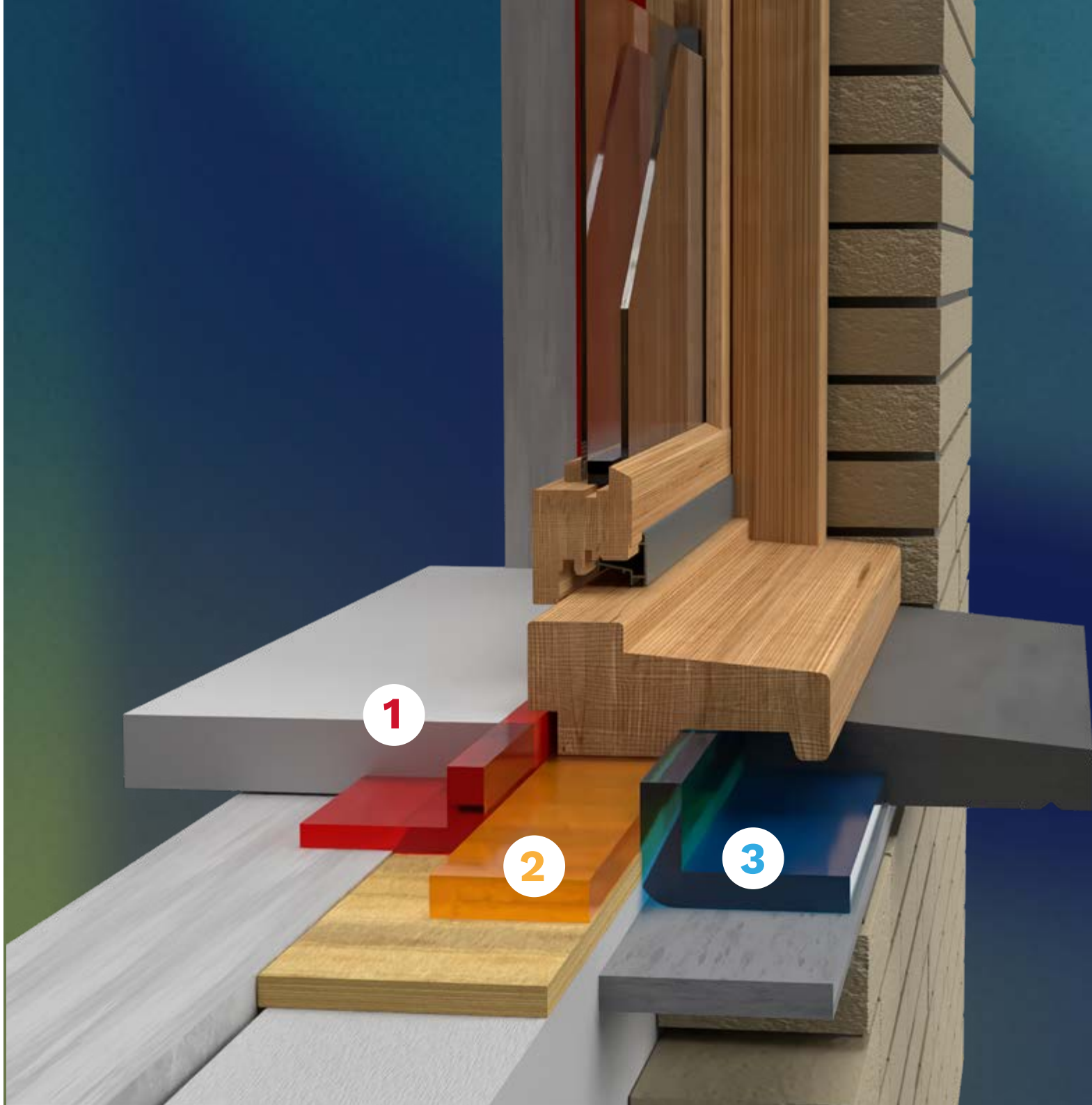
3



Driving Rain Tightness
To prevent water load entering the construction. A watertight barrier on the building exterior is created to that allow moisture to escape while preventing water from entering.



Sound insulation
Ultimately, when these three aspects synergize seamlessly, there's an added benefit: outstanding sound insulation, further enhancing indoor comfort.



How to select the most appropriate product for your project?

When creating a seal, it is crucial that it meets these essential criteria. Products marked with the ‘airtightness’ icon prevent uncontrolled airflow and heat loss. The ‘thermal insulation icon’ supports in energy savings, while those with the ‘driving rain tightness icon prevent excessive moisture intrusion, therefore enhancing both longevity and energy efficiency of the structure/building.

The table below dislays the full Bostik Airseal range, along with the respective icons. This provides a quick and clear understanding of their role within the window frame system.



1 Interior layer Air-tightness	2 Functional layer Thermal / sound insulation	3 Exterior layer Driving rain tightness
BOSTIK T660 AIRSEAL WINDOW TAPE DUO	BOSTIK P605 AIRSEAL FLEXFOAM	BOSTIK T660 AIRSEAL WINDOW TAPE DUO
BOSTIK T665 AIRSEAL WINDOW TAPE DUO PLUS		BOSTIK T665 AIRSEAL WINDOW TAPE DUO PLUS
BOSTIK T620 AIRSEAL WINDOW TAPE INTERIOR		BOSTIK T640 AIRSEAL WINDOW TAPE EXTERIOR
		BOSTIK T610 AIRSEAL SEALING TAPE BG1
Interior layer / Functional layer / Exterior layer Air-tightness, Thermal & Sound insulation, Driving rain tightness		
ALL-IN-ONE MULTIFUNCTIONAL TAPE		
BOSTIK T630 AIRSEAL SEALING TAPE 3D		

6. Unlocking building potential with **sustainability in mind**

The Bostik Airseal range has been composed with care backed by notified body results in air loss, thermal and acoustic insulation and driving rain density tests. The products integral to the concept are provided with reports and certificates including EN 1026 (air permeability of fully assembled windows and doorsets), EN 1027 (watertightness of fully assembled windows and doorsets), DIN 12354-3 (joint sound insulation), DIN 18542 (air permeability) and EN 12664 (thermal conductivity).

In addition to these technical content certificates and reports, the products within this range also boast certifications aligning with the highest emission standards. Our AIRSEAL portfolio can contribute positively to green building labels like BREEAM.



EMICODE® EC1PLUS

EC1PLUS is part of the 'Emicode® classification system'. It is a product classification system and ecolabel which classifies and certifies products for flooring installation, adhesives, and building materials in respect of emissions. The materials awarded this label comply with very stringent health and environmental requirements.



A+ FRENCH VOC RATING SYSTEM

A+ French TVOC stands for 'Émission dans l'air intérieur A+'. This label provides information on TVOC emission levels. It applies to walls, ceiling, floor coverings and coatings, panels for partitions and suspended ceilings, insulation products, doors and windows and associated installation products.

Seal the savings,
seal the comfort:
choose **BOSTIK AIRSEAL**
for your durable buildings





7. Airseal product portfolio

- SUSTAINABLE AIRTIGHT BUILDING SOLUTIONS:**
- BOSTIK T660 AIRSEAL WINDOW TAPE DUO
 - BOSTIK T665 AIRSEAL WINDOW TAPE DUO PLUS
 - BOSTIK T640 AIRSEAL WINDOW TAPE EXTERIOR
 - BOSTIK T620 AIRSEAL WINDOW TAPE INTERIOR
 - BOSTIK T610 AIRSEAL SEALING TAPE BG1
 - BOSTIK T630 AIRSEAL SEALING TAPE 3D
 - BOSTIK T635 AIRSEAL SEALING TAPE UF
 - BOSTIK P605 AIRSEAL FLEXFOAM
 - BOSTIK H670 AIRSEAL COATING



BOSTIK T660 AIRSEAL WINDOW TAPE DUO

HIGH QUALITY UNIVERSAL FLASHING TAPE FOR INSIDE & OUTSIDE USE

Bostik T660 Airseal Window Tape Duo features a modified polyamide with a fleece-film combination, suitable for both indoor and outdoor sealing applications. With four layers and a variable sd value, this tape offers versatility.

Its strong self-adhesive underside ensures easy installation in concealed positions, allowing for plastering and painting without leaving adhesive residue on the masonry.

- Key benefits
- Suitable for plastering and painting
 - Installable at low temperatures
 - Certified with EC1Plus



Article nr	EAN-code	Colour	Tape width	Roll length	Rolls / box	Boxes / pallet
0000000	00000000000000	white	50 mm	25 m	8	96
0000000	00000000000000	white	75 mm	25 m	5	96
0000000	00000000000000	white	100 mm	25 m	4	96
0000000	00000000000000	white	150 mm	25 m	2	96
0000000	00000000000000	white	200 mm	25 m	2	96

- Ideal for various climate zones
- Moisture-responsive sd-value
- Suitable for plastering and painting



BOSTIK T665 AIRSEAL WINDOW TAPE DUO PLUS

HIGH QUALITY UNIVERSAL FLASHING TAPE FOR INSIDE & OUTSIDE USE WITH ADDITIONAL ADHESIVE STRIP

Bostik T665 Airseal Window Tape Duo Plus consists of modified polyamide with a fleece-film combination. Suitable for both inside and outdoor sealing. The tape is composed of four layers and has a variable sd value.

The aggressive self-adhesion of the full underside makes the tape very easy to install in completely hidden position in which it can be plastered and painted over without leaving adhesive marks on the masonry. The tape has additional self-adhesive cover on the upper surface for very easy installation.

- Key benefits
- Suitable for plastering and painting
 - Certified with EC1Plus



Article nr	EAN-code	Colour	Tape width	Roll length	Rolls / box	Boxes / pallet
0000000	00000000000000	white	75 mm	25 m	5	96
0000000	00000000000000	white	100 mm	25 m	4	96
0000000	00000000000000	white	150 mm	25 m	2	96

- Ideal for various climate zones
- Moisture-responsive sd-value
- Including an extra self-adhesive strip on the upper side



- Water vapour permeable
- Suitable for plastering and painting
- Installable at low temperatures

BOSTIK T640 AIRSEAL WINDOW TAPE EXTERIOR

HIGH QUALITY VAPOUR PERMEABLE FLASHING TAPE FOR OUTSIDE USE

Bostik T640 Airseal Window Tape Exterior features a fleece membrane that allows the passage of water vapor, making it ideal for outdoor sealing applications.

The underside of the tape is fully covered with a strong self-adhesive, allowing for easy and completely concealed installation without the need for extra gluing to the masonry. Additionally, the tape can be plastered and painted over.

Key benefits

- Suitable for plastering and painting
- Strong adhesive capability of the mounting strip on various types of window frames and multiple masonry surfaces
- EC1Plus certified



Article nr	EAN-code	Colour	Tape width	Roll length	Rolls / box	Boxes / pallet
00000000	00000000000000	white	75 mm	25 m	5	96
00000000	00000000000000	white	100 mm	25 m	4	96
00000000	00000000000000	white	150 mm	25 m	2	96
00000000	00000000000000	white	200 mm	25 m	2	96



- Combined Airtight PP fleece/film
- Suitable for installation at low temperatures
- Powerfull, instant adhesion

BOSTIK T620 AIRSEAL WINDOW TAPE INTERIOR

HIGH QUALITY AIRTIGHT FLASHING TAPE FOR INSIDE USE

Bostik T620 Airseal Window Tape Interior features an airtight PP Fleece/film combination, which makes it ideal for indoor sealing applications

The full-surface self-adhesive underside enables simple, full-coverage installation of the flashing tape for plastering or painting over, without additional adhesion on the masonry.

Key benefits

- Suitable for plastering and painting
- EC1Plus certified



Article nr	EAN-code	Colour	Tape width	Roll length	Rolls / box	Boxes / pallet
00000000	00000000000000	white	50 mm	25 m	7	96
00000000	00000000000000	white	75 mm	25 m	5	96
00000000	00000000000000	white	100 mm	25 m	4	96



- Construction materials class DIN 4102-B1
- EN 1027 Resistance to driving rain $\geq 600\text{Pa}$
- EN 1026 a-value < 1.0

BOSTIK T610 AIRSEAL SEALING TAPE BG1

HIGH QUALITY COMPRESSED JOINT SEALING FOAMTAPE BG1

BOSTIK T610 AIRSTOP SEALING TAPE BG1 is a joint sealing tape made from flexible polyurethane foam with acrylate dispersion impregnation, auxiliary materials and filler substances.

Pre-compressed rolled goods with acrylate contact adhesive as installation aid. Bostik T610 Airseal Sealing Tape BG1 can be universally used for sealing joints in buildings. Preferred applications are window construction, timber construction, prefabricated construction and masonry construction, half-timbered construction and concrete construction.

Key benefits

- Pre compressed BG1 joint sealing foamtape
- EC1Plus certified



Article nr	EAN-code	Colour	Joint depth	Joint width	Roll length	Rolls/box	Boxes/pallet
00000000	00000000000000	grey	10 mm	1.5 - 2.5 mm	12	30	60
00000000	00000000000000	grey	15 mm	2-4 mm	12	20	60
00000000	00000000000000	grey	15 mm	3-7 mm	7.5	20	60
00000000	00000000000000	grey	20 mm	4-9 mm	7.5	15	60
00000000	00000000000000	grey	20 mm	5-12 mm	5	15	60
00000000	00000000000000	grey	20 mm	7-15 mm	4.3	12	60



- Airtight to < 0.1 (according EN 12114 / EN 1026)
- DIN 18542:2020 Stress Group MF1
- Resistance to driving rain $> 600\text{ Pa}$ according EN 1027

BOSTIK T630 AIRSEAL SEALING TAPE 3D

COMPRESSED MULTI-FUNCTIONAL WINDOW SURROUNDING SEALING FOAMTAPE

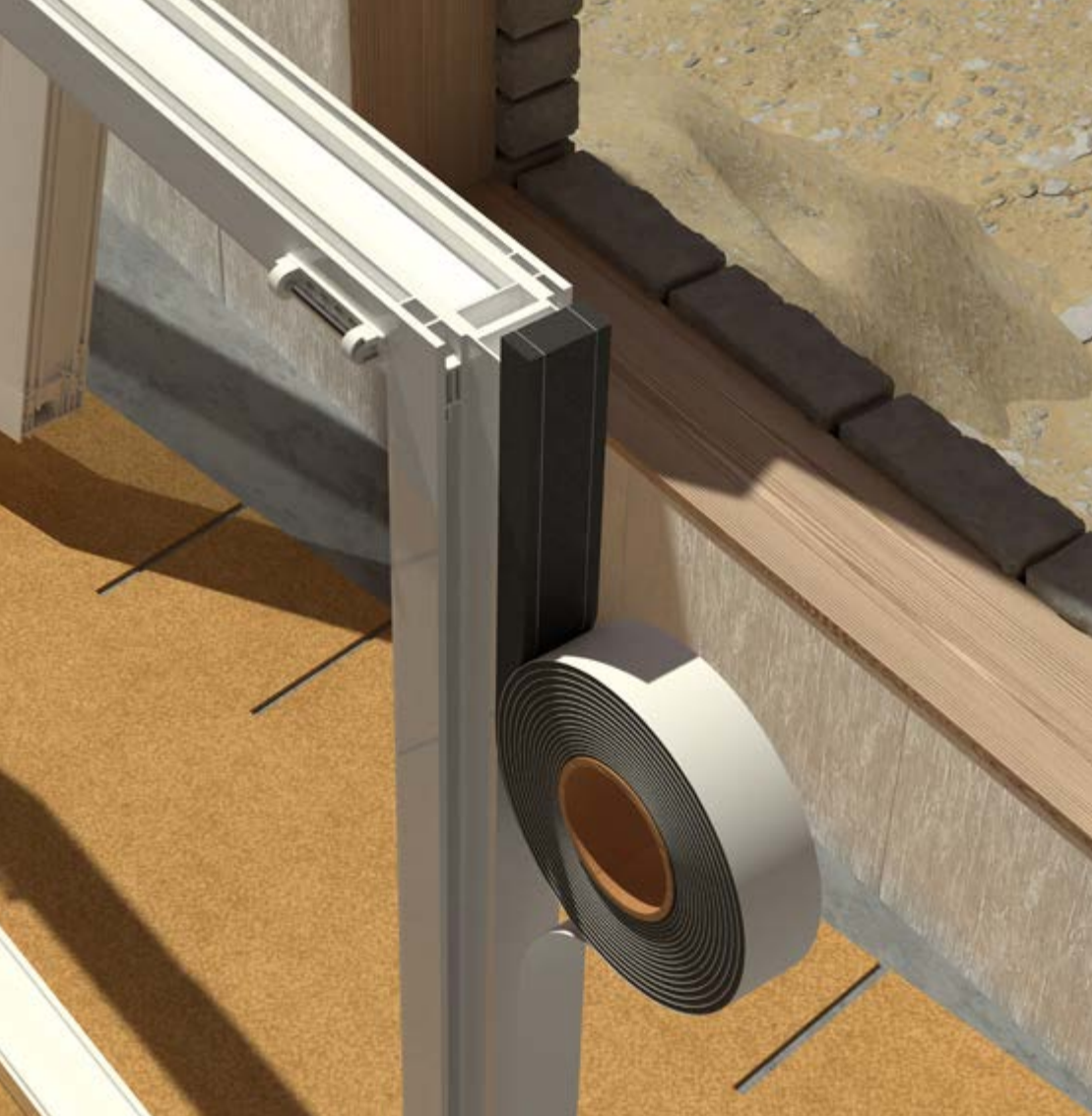
Bostik T630 Airseal Sealing Tape 3D is a pre-compressed and impregnated multifunctional sealing tape made of flexible polyurethane foam with acrylate dispersion impregnation and moisture-adaptive functional membranes for sealing all functional areas in window joints with a single product. The tape fulfils all requirements pertaining to air-tightness and heavy rain tight sealing.

Key benefits

- Pre compressed BG1 joint sealing foamtape
- Fire resistant DIN 4102-B1
- EC1Plus certified



Article nr	EAN-code	Colour	Tape width	Joint width	Window depth	Roll length	Rolls/box	Boxes/pallet
00000000	00000000000000	grey	56 mm	6-15 mm	60 mm	11.7 m	5	48
00000000	00000000000000	grey	64 mm	6-15 mm	70 mm	11.7 m	4	48
00000000	00000000000000	grey	64 mm	10-20 mm	70 mm	9.4 m	4	36
00000000	00000000000000	grey	74 mm	6-15 mm	80 mm	11.7 m	4	48
00000000	00000000000000	grey	74 mm	10-20 mm	80 mm	9.4 m	4	36



BOSTIK T635 AIRSEAL SEALING TAPE UF

COMPRESSED MULTI-FUNCTIONAL UNDERSIDE WINDOW SEALING FOAMTAPE

Bostik T635 Airseal Sealing Tape 3D UF is a pre-compressed, impregnated sealing tape designed to seal all functional areas of window joints using a single product. This tape meets all criteria for air-tightness and resistance to driving rain.

- Key benefits**
- For sealing the connections of the bottom window frame
 - EC1Plus certified



Article nr	EAN-code	Colour	Tape width	Joint width	Window depth	Roll length	Rolls/box	Boxes/pallet
0000000	00000000000000	anthracite	30 mm	6-15 mm	30 mm	7 m	10	60

- Airtight to < 0.1 (complies with DIN 18542:2009 = BG R)
- Driving rain resistance ≥ 600Pa per DIN EN 1027
- Suitable for installation in any weather conditions



BOSTIK P605 AIRSEAL FLEXFOAM

ULTRA FLEXIBLE HIGH INSULATING AIRTIGHT POLYURETHANE GUN FOAM

Bostik P605 Airseal Flexfoam is a professional very flexible 1-component PU foam based on polyurethane. Its enduring flexibility ensures a long-lasting, highly insulating airtight seal.

Bostik P605 Airseal Flex Foam has been tested according to EN1026 for air loss at 1050Pa, showcasing excellent adhesion properties and durability.

- Key benefits**
- Very limited airloss
 - Tested up to 1050Pa
 - Very flexible formulation
 - High sound insulation
 - Fast and easy application
 - EC1Plus certified



Article nr	EAN-code	Colour	Packaging	Packed per
30622931	8711595221399	white	PU foam can 750ml	12 pieces per box

- Tested up to 1050Pa
- Very flexible formulation
- High sound insulation



- Easy and fast application
- Fast curing
- No shrinkage

BOSTIK H670 AIRSEAL COATING

SPRAYABLE & BRUSHABLE ELASTIC AIRTIGHT MOISTURE RESISTANT HYBRID COATING

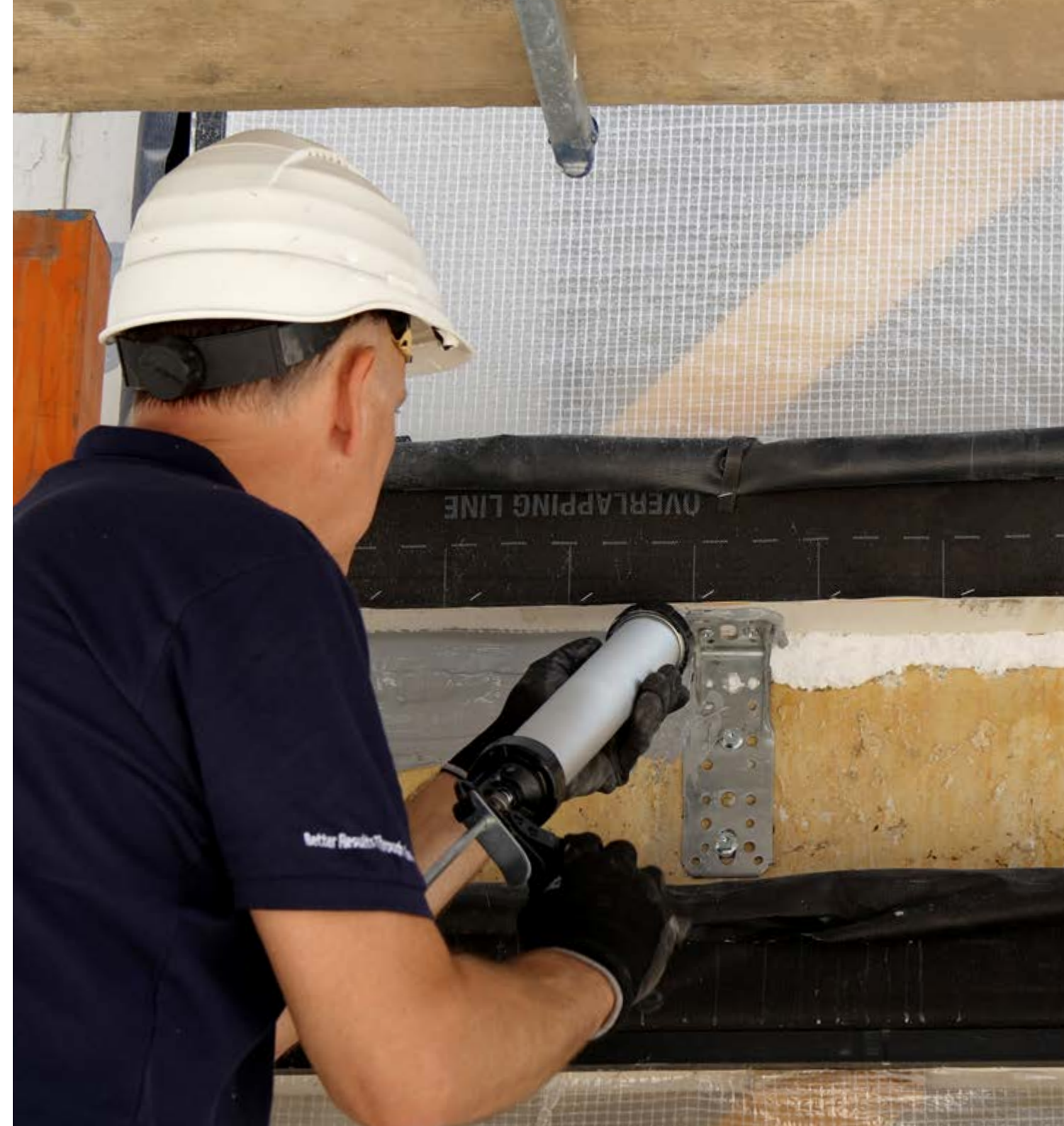
Bostik H670 Airseal Coating is a high quality durable elastic sprayable and brushable coating for seamlessly sealing seams and cracks between various substrates.

Key benefits

- Durable elastic airtight coating
- Easy and fast application
- Fast curing
- No shrinkage
- Bubble free
- Paintable
- Solvent and silicon free



Article nr	EAN-code	Colour	Packaging	Packed per
30622931	8711595221399	grey	Cartridge 290 ml	12 pieces per box



BOSTIK'S H670 AIRSEAL COATING is a highly elastic hybrid coating that can be applied easily with a standard caulking gun.

In combination with the high insulating **P605 AIRSEAL FLEXFOAM** a very airtight seal can be achieved.



8. INSTALLATION INSTRUCTIONS

Here, in a nutshell, you will find the points of attention when processing joint tapes, membranes, polyurethane foams and sealants. However, it is always recommended to read the full technical guidelines of the products which can be downloaded from the relevant product page at www.bostik.com

Joint tapes (Compress Band BG1)

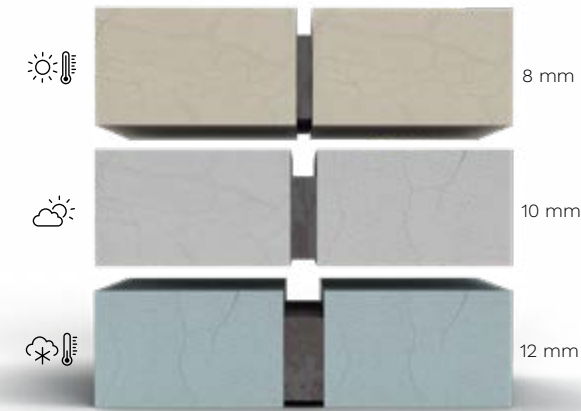
There are various sizes and types of joint bands available. Joint tapes intended for use in exterior walls must comply with the DIN 18542 standard. According to DIN 18542:2009, there are two quality classes, namely BG1 and BG2. The main difference between a BG1- and a BG2-type jointing tape is that a BG2 is only tested for driving rain density up to 300 Pa in a linear joint, while a BG1 jointing tape is tested for driving rain density above 600 Pa, including in intersections. Therefore, it is recommended to opt for a BG1 joint tape as it is safer. Bostik therefor offers the:

BOSTIK T610 AIRSEAL SEALING TAPE BG1

If grout tapes are correctly compacted in the joint, they not only provide protection against driving rain, but are also resistant to UV radiation and weather influences. In addition, they contribute to thermal insulation, have breathable properties (diffusion-open), reduce noise pollution and provide wind resistance.

Determining the right bandwidth and depth

The architectural drawing shows the nominal dimension. However, these dimensions do not indicate whether this is the size during a cold or hot period. In other words, building materials are affected by thermal loads, so joints may be larger (in winter) or smaller (in summer) than indicated on the drawing. Let's assume a joint width of 10 mm. In theory, BOSTIK T610 AIRSEAL SEALING TAPE BG1 15/5-10 (5 to 10 mm) can be used for this purpose.



In summer, the joint, shown on drawing as 10 mm wide, will actually be only 8 mm wide because the wall expands due to heat. The BOSTIK T610 AIRSEAL SEALING TAPE BG1 15/5-10 can still function well in this situation.

However, during the winter period, the joint, which is shown on drawing as 10 mm wide, will actually be 12 mm wide because the wall shrinks due to cold temperatures. In this situation, the BOSTIK T610 AIRSEAL SEALING TAPE BG1 15/5-10 is not sufficiently resistant to driving rain and UV radiation. The recommendation is then to choose Compress Band BG1 15/7-12 (7 to 12 mm).

DIN 18542:2009 also describes what the depth of the joint band (t_F) should be for a calculated joint width (b_{max}). The calculation rule for this is: $t_F = \frac{1}{2} \cdot b_o$.

To determine b_o , we need to know the fully expanded condition of the joint tape:

$$\begin{aligned} b_o &= b_{max} \cdot 5 \\ b_o &= 12 \cdot 5 \\ b_o &= 60 \text{ mm} \end{aligned}$$

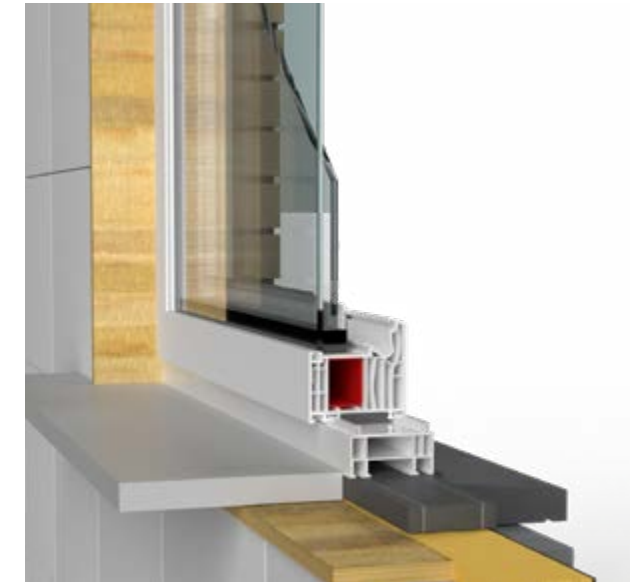
Now that we have the value of b_o , we can easily calculate t_F :

$$\begin{aligned} t_F &= \frac{1}{2} \cdot b_o \\ t_F &= \frac{1}{2} \cdot 60 \\ t_F &= 30 \text{ mm} \end{aligned}$$

So the correct joint tape for a joint 10 mm wide is 30/7-12.

Processing

- Remove the first 20 mm of the tape before starting processing;
- Remove up to 300 mm of protective film and place the tape in the joint;
- Take care not to apply the joint tape too tightly;
- Use light pressure to press the compression tape to the desired position, e.g. with a spatula;
- At intersections in the facade, first place the vertical tape
- Then apply the horizontal compression tape from inside to outside as seen from the vertical compression tape. Press lightly where the tape overlaps;
- To avoid leaking corners, never bend compression tape around a corner, but apply vertically and horizontally separately.



Multifunctional jointing tapes (Sealing Tape 3D-UF)

This jointing tape, as the name suggests, has several functions. Bostik offers two 3D multifunctional jointing tapes with airtight and thermally insulating properties:

- BOSTIK T630 AIRSEAL SEALING TAPE 3D
- BOSTIK T635 AIRSEAL SEALING TAPE UF

Naturally, the jointing tape is also diffusion-open (breathable) and contributes to noise reduction. In addition, the Compress Band 3D is also driving rain sealing. In other words, this is an all-in-one product for sealing window frames in building structures.

Determining the right tape width and depth

The Compress Band 3D is available in 4 different width sizes. When choosing the right tape width, it is important to take into account the instructions given with the BOSTIK T610 AIRSEAL SEALING TAPE BG1. In addition, the BOSTIK T630 AIRSEAL SEALING TAPE 3D is also available in 4 different depth sizes, corresponding to the depth of the frame to which the joint tape is applied.

Processing

- Determine the correct joint width by measuring both opening and frame;
- Determine the length, including overlength of the band by measuring window frame;
- Open the roll carefully and do not cut through the Sealing Tape;
- Remove the first 20 mm of the tape before starting processing;
- Remove the protective film and place the tape on the window frame;
- Apply the joint tape with an overlap of 1 cm on both sides of the frame;
- Now apply the jointing tape to both frame posts, ensuring 2 cm overlap at the top and bottom;
- Place the frame in the wall opening and install it according to the frame manufacturer's guidelines.

Membranes (Airtight Tape and Airtight Tape Interior)

Bostik's Airseal portfolio includes four types of membranes:

- BOSTIK T660 AIRSEAL WINDOW TAPE DUO
- BOSTIK T665 AIRSEAL WINDOW TAPE DUO PLUS
- BOSTIK T640 AIRSEAL WINDOW TAPE EXTERIOR
- BOSTIK T620 AIRSEAL WINDOW TAPE INTERIOR

All types of Airtight Tapes are used for airtight sealing of window frames, among other things. The Bostik T620 Airseal Window Tape Interior is ideal for airtightening the window frame on the inside because it is airtight and vapour retardant. On the other hand, the Bostik T640 Airseal window Tape Exterior is airtight but vapour-permeable, making it perfect for making the window frame airtight on the outside while allowing the joint to breathe. This allows any moisture to escape to the outside, keeping the joint permanently airtight. In addition, the Bostik P605 Airseal Flexfoam acts as a thermal insulator around the window frame, provides durable insulation.

Determining the right bandwidth

All membranes are available in different widths. A useful guideline when choosing the right tape width is to always consider a minimum adhesion of 15 mm to the frame, plus the width of the joint and a minimum adhesion of at least 50 mm to the substrate.



Processing

- Bostik membranes have either a full-surface adhesive layer or an adhesive strip;
- Minimum adhesion to the frame is ≥ 15 mm, minimum adhesion when overlapping membranes is ≥ 50 mm;
- First determine the joint width and length of the membrane to be processed. The length of the membrane is the total length to be bonded. The membrane is applied in one continuous line;
- Ensure that the window frame and substrate are clean and dry;
- Stick the membrane onto the frame;
- Allow the membrane to extend 20 mm at the corners, loop and fold in half and come back 20 mm before sticking the membrane further onto the frame. This creates the so-called donkey ears in the corners. This is necessary to fix the membrane to the substrate without tension;
- Squeeze the loop together like shown on the right side of the image
- Align the window and check the joint width again;
- Fix the window all around;
- Fill the joint between frame and substrate with the Bostik P605 Airseal Flexfoam



Polyurethane foam (P605 Airseal Flexfoam)

From the very wide range of polyurethane foams in Bostik's portfolio, one is specifically extremely classified to be used for airtight construction. The BOSTIK P605 AIRSEAL FLEX-FOAM is both extremely flexible and elastic, highly airtight and thermally insulating. The foam is a so-called 'all-seasons' formulation, making it suitable for processing during colder days.

For airtightness, the BOSTIK P605 AIRSEAL FLEXFOAM has been tested and certified according to EN 1026, EN 1027 and DIN 18542. In addition, the foam is thoroughly tested and certified according to EN 12086 (water vapour transmission) and according to ISO 717-1 (sound insulation). Above all, all polyurethane foams in the Bostik range, are equipped with the A+ French VOC Regulation and the EMICODE EC1PLUS.

Polyurethane foam reacts to moisture from the environment and substrate. To achieve the best results, it is important to wet dry surfaces before applying the foam. If too little moisture is present, the foam will not cure properly and lead to poorer results. However, it is important to avoid water droplets on the surface, as water forms a barrier and hinders adhesion.

Processing

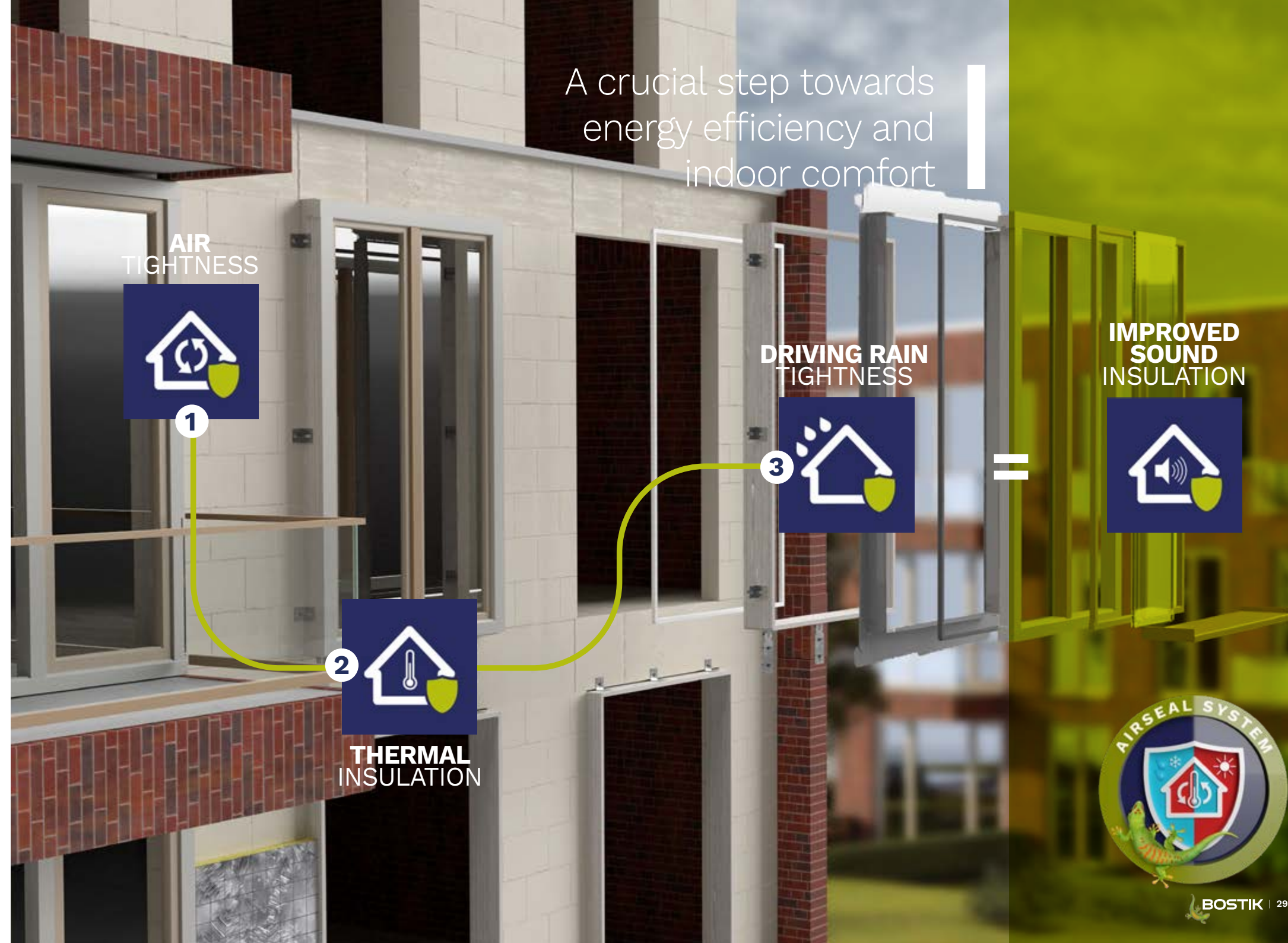
- For best results, make sure the surface is in good condition, clean and free of oil and grease;
- Hold the canister vertically, with the valve facing up, and attach the gun with NBS thread to the canister;
- Shake the canister vigorously about 20 times before use;
- Then hold the can upside down while applying the foam;
- Use the adjusting screw at the back of the gun to regulate the amount of foam;
- Fill the joint about 70% and spray the foam lightly with water if the humidity is low;
- For joints wider and deeper than 4 cm, apply the foam in several layers;
- Wait between each layer for 15-30 minutes before applying a new layer;
- Moisten lightly with, for example, a plant sprayer before applying a new layer;
- When the work is finished, turn the adjusting screw on the gun again so that the fresh material in the spray lance cannot harden;
- Always store the canister vertically.

Compatible with all types of window frames



due to

A crucial step towards energy efficiency and indoor comfort





THE KNOWLEDGE CENTER FOR PROFESSIONALS



live
webinars



e-learning



online
videos



trainings



technical
documentation



product
overview

9. **Bostik Academy:** Level up your skills

Become the best in your field and level up your skills at the Bostik ACADEMY, the knowledge center that has been carefully set up for professionals in the construction market.

The Bostik Academy offers you worldwide training programs and webinars covering a wide range of products and applications, throughout our 11 knowledge centers worldwide. We support applicators with up-to-date knowledge and technical support.



Training program

At Bostik Academy, we provide a training program designed to meet everyone's specific needs. Our technical experts will showcase our product range, demonstrate best application practices, and share crucial industry insights.

Additionally, we offer customized training sessions for you and your team. Reach out to us to explore the options available.



Are you facing a challenge
and in search of a solution?



You'll find plenty of information on our online platform:

Product information:

- Brochures
- Technical data sheets
- Safety data sheets

Video Technical Center:

- Application videos
- Product videos

Knowledge and Expertise:

- Knowledge articles
- Frequently Asked Questions

Training options:

- Tutorials
- Webinars
- Workouts
- In-person & online training

Visit our Bostik Academy:

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