

Material

Polypropylene foil with adhesive strips which allow it to be attached to windows, doors and door jambs.

Construction

The face side: grey, rough, can be plastered over; underside: mostly white, both-sided self-adhesive foil coiled into a roll, allowing the use of different techniques of attachment to walls: with butyl; without butyl; with SP025 window foil glue used for attaching the foil to door jambs; with glass fibre mesh.

Widths

Width (mm)	Wall mounting	Package (m)
70	Without butyl	250
100	Without butyl	150
70	With butyl	250
100	With butyl	150
60	With fibre mesh	150
90	With fibre mesh	100

Technical information

Property	Standard	Classification
Combustibility class	DIN 4 102	B2, norm. flammable
Tightness against wind driven rain	DIN EN 1027	600 Pa
Diffusion equivalent thickness	DIN EN ISO 12572	sd < 0.5 m
Adhesion of butyl and self-adhesive strip (PVC; 23°C)		Min. 12 N / 25 mm
* UV resilience		ca 2 months
Tolerance to common building materials	DIN 18542	sufficient
Application temperature		+5°C to +45°C
Application resilience		-40°C to +80°C
Shelf life		12 months

* The face side only

Preparing the product for application

1. The base surface must be dry, degreased, free of dust and loose particles which might reduce adhesion. For degreasing window frames use the illbruck AA404 cleaner. Very absorbent surfaces such as concrete, aerated concrete and plaster must be first treated with the ME901 or ME902 Primer sealant. For additional information see the product Technical Sheets.

Attaching the product to windows

1. Attach the exterior window foil to the entire frame sidewall, leaving at least a 2 cm overlap in corners.
2. Bend the foil and fold it back. Glue the self-adhesive tapes together. The foil will overlap in corners.
3. Attach the foil to the remaining sides by following the same procedure. We recommend that you attach the foil to three sides of the window frame only (the two vertical and the top horizontal). It is usually better to attach the foil to the window ledge side only later.
4. Set the window into the opening, fix it and fill the gap with thermal insulation. We recommend that you use for this purpose the one-component illbruck foam.



ME510

Window Foil Exterior



Use

The illbruck ME510 Window Foil Exterior is intended for creating waterproof and yet highly vapour-permeable insulation layer on the exterior side of the connection joint. Thanks to the Window Foil Exterior's EW version, the product can be applied to details of any common shape. The foil is available in 3 versions for easy attachment to walls.

Main advantages

- An exterior foil which can be plastered over
- 3 variants of wall mounting
- The EW version allows any technique of gluing to windows to be used
- Can be plastered over
- Highly diffusion-open
- Print on the foil enables an easy orientation and to check details



illbruck i3 is a patented and certified sealing system for standardised installation on windows. Tremco illbruck provides a 10-year warranty on the system's function. For more information contact us.

ME510

Window Foil Exterior



Attaching it to wall with butyl

1. The Window Foil Exterior with butyl is attached to walls treated with the ME901 or ME902 Primer (to seal the base) after letting it to ventilate. Straighten the foil on the window frame and place it into the correct position. Remove from the butyl strip the protection tape, attach the foil to the wall and smoothened it with a roller, applying pressure on it. If you previously left out the foil on the ledge side, attach it now.
2. Cover the foil face side with a plaster mix or other material, and protect it against mechanical damage.

Attaching it to wall with sealing putty

1. Straighten the foil on the window frame and place it into the correct position.
2. Apply on the wall the SP025 adhesive putty in a zig-zag pattern. Attach the foil on the thus prepared base and push it in well with a roller.
3. Cover the foil face side with a plaster mix or other material, and protect it against mechanical damage.

Attaching it to wall using glass fibre mesh

1. Prepare the base by applying on the wall a first layer of a plaster mix.
2. Insert the fibre mesh into the plaster in such a way that the foil is aligned with the window frame and the wall, and covers the connection joint.
3. Fasten the foil by applying a thin layer of mortar on the fibre mesh.
4. Now you can apply the top layer of plaster.
5. Alternatively, you can ask the firm doing the plastering to insert the foil into the plaster.
6. Cover the foil face side with a plaster mix or other material, and protect it against mechanical damage.

Improving adhesion

After applying a sealant (ME901 or ME902 Primer), let the base mature for 10 to 40 minutes at normal temperature. The sealant's effectiveness depends on the base's absorption and porosity.

Important

Combinations of sealing materials with other products may lead to their mutual reaction. Their compatibility should be in each case checked. Users must make their own tests to establish the adhesion of different types of plasters. If the results are unsatisfactory, the ideal solution always is to attach the foil to the wall using glass fibre mesh.

Technical Service

Our company will be pleased to provide technical advice and support. Should you have any queries, please do not hesitate to contact us.

Additional Information

The information provided in this Technical Sheet is based on our best knowledge. We reserve the right to change the formula of our products at any time. The buyer should

ask for the latest information about our products. Neither the application nor the application conditions are under our control, and therefore the responsibility lies with the user. We disclaim any liability ensuing from the information provided in this Technical Sheet. Deliveries are governed exclusively by our General Delivery and Payment Terms.



tremco illbruck s.r.o.
Slezská 2526/113
130 00 Praha 3
Czech Republic
Tel.: +420 296 565 381
Fax: +420 296 565 300

prodej@tremco-illbruck.com
www.tremco-illbruck.cz