

Description

An EPDM based foil. The materials used are free of solvents which might later migrate into surrounding surfaces.

Form of delivery

A non-adhesive foil with integrated type marking and print, wound in a 20-metre roll.

Cut roles or logs.

Standard thickness: 0.75 mm



Technical specification

Property	Standard	Classification
Tensile strength	EN 12311-2	≥ 7 MPa
Elongation	EN 12311-2	≥ 250%
Resilience against UV radiation		Excellent
Waterproofness (2 kPa)	EN 1928	Satisfactory
Coefficient of diffusion resistance μ /sd	EN 1931	>160,000/sd > 120 m
Resilience against aging	EN 1296/EN 1931	Satisfactory
Resilience against breaking	EN 12310-2	10 N
Fire reaction class	EN 13501-1	Class E
Application temperature range		+5°C to +35°C
Thermal resilience		-40°C to +130°C
Storage temperature		+10°C to +25°C

Preparation

- The base surfaces must be dry, degreased and free of dust and loose particles which might reduce adhesion.
- When applied on porous materials such as concrete, foam silicate and plaster, use the Primer. For degreasing the foil can be used product AA404 Cleaner and Separator.

ME 210

Vapour Proofing Foil Interior



illbruck foils are used to seal the connection joint between the opening fill or glazed façade structure and the adjacent peripheral structure. The ME210 Vapour Proofing Foil Interior is intended for making an air-tight and vapour-tight closure on the interior side.

Main advantages

- High resilience against mechanical damage
- Ability to transfer dilatation movements
- Foil threaded in transversal and longitudinal direction at least 250%
- Excellent resilience against the effects of weather, aging and UV radiation
- Highly flexible and easy to shape to match non-standard details

Vapour Proof Foil Interior

Applying the product

- Design the sealing tape width and the overall solution of the interior and exterior side of the connection joint to match the façade detail. It is essential to always take into consideration requirements of the design, dilatation movements of the structures, operation loads and application difficulty of each product, and determine the final solution accordingly.
- When applying on porous materials (or even non-porous, resilient against the adhesive solvent), use the illbruck CT113 Contact Adhesive by applying it with brush or roller in an even layer on both sides to be glued together.
- After applying it on both surfaces to be glued together, let the adhesive aerate and tack (for approximately 10 minutes, test by touching).
- After the adhesive has tacked, joint the two surfaces to be glued and apply pressure on the top foil with a pressure roller. If you are working with heavier strips, hold the foil in place temporarily using for instance the ME 211, until the adhesive reaches sufficient strength (see the product's Technical Sheet).
- When gluing the foil on non-porous materials, use the OT015 Façade Adhesive to speed up the application process and to make it more economical and the result more accurate. The adhesive is supplied in 600 ml tubular bags and hence it can be squeezed out in application gun in a string of the required diameter, which will eliminate to the maximum degree the danger of unwanted soiling of the surrounding surfaces. The width of the glued joint should be between 2 and 3 cm. If the strips are wider and longer, the foil must be temporarily held in place with for instance the ME211, until the adhesive has sufficiently vulcanised. Alternatively, the width of the glued joint can be increased (see the product's Technical Sheet). When applied in details in which direct loads by running down water can be expected (mostly this applies to window heads when the water running down a monolithic façade might have a direct effect on the glued joint), we recommend to hold the foil edge with an end safety board in order to prevent the adhesive from being disturbed and washed out. Seal the board in the widened top section with the illbruck OS111 Bituminous Sealant.

Table of primers

- To seal porous surfaces, use the CT113 Adhesive diluted with Toluene in ratio one part of the adhesive and 2 to 3 parts of Toluene. Apply the PRIMER on the porous material with brush or roller evenly on the entire area of the intended glued joint.
- The adhesive can be applied only after the PRIMER has dried completely (after 10 to 30 minutes). Dilute the PRIMER in a separate container and never pour any remnants back into the original CT113 bucket!
- 0.5 kg of the PRIMER will cover about 3.5 m². Applying the PRIMER on absorbent surfaces will not only result in better adhesion, but also reduce the quantity of the adhesive used, and significantly extend the time the product can be worked with, which is especially important at high temperatures during the summer months.

Important

- To seal foil overlaps and joints, use the illbruck OS111 Bitumen Sealant. Seal the transitions of foils to asphalt or PVC waterproofing strips by inserting a transition metal sheet. Alternatively, you can use the ME110 Foil. The adhesive used may not be compatible with these materials, and therefore waterproofness of direct connections with them cannot be guaranteed. If you are gluing façade foils on EPS (expanded polystyrene), use the illbruck SP351 Sealing Mastic or the illbruck OT301 Premium Membrane Adhesive. Tools needed: Installations require a tape or folding measure, scissors, cutter, brush, pressure roller and, in some cases, also an adhesive tape to hold the foil temporarily in place, a container for diluting the adhesive, and Toluene.
- Installations require a tape or folding measure, scissors, cutter, brush, pressure roller and, in some cases, also an adhesive tape to hold the foil temporarily in place, a container for diluting the adhesive, and Toluene.

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 the product.

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.
Org. ID No.: 15 89 08 13
Slezská 2526/113
130 00 Praha 3
Czech Republic
Tel.: (+420) 296 565 333