

ETICS Window Joint Profile 3707

WDVS Gewebe-Anputzleiste 3707

**decoupling profile with telescopic function
and flexible center bar, especially for reinforcements in
the ETIC system and for armored reinforcements**

Properties

Self-adhesive, two-piece plastic profile consisting of a sliding profile with flexible center bar and an attached U-rail. With fabric strips, plastering edge and PVC leg that is easy to remove (break-off edge). Can be attached simply and securely using a bonding technique. The special design allows a telescopic function in two directions so that there is freedom of movement within the profile. It has a slightly decoupling effect and can also be installed in mounting situations with low movements. The self-adhesive PE tape is protected from weathering by a TPE protective lip.

The pre-punched break-off edge prevents the frame, reinforcing plaster and top coat from being soiled. The double-sided adhesive tape on the break-off edge can also be used for easy and reliable fixing covering foils. Additionally tested with respect to imperviousness to driving rain in accordance with the test report.

Field of application

It can be used to form driving-rain-proof connections to adjacent, even components with little movement, e.g., window and door frames, in Brillux ETIC systems. Due to its narrow design, the profile is also ideally suited for repair work with armored reinforcements.

Can be used up to an opening size of 10 m² with vertical connections ≤ 2,4 m. In the case of insufficiently stable structures, e.g. window frames, Venetian blind guide rails, in wooden frame constructions, vertical connections of a length > 2.40 m as well as in the case of extreme weather conditions, we recommend using ETICS Window Joint Profile Pro 3880 (see Table "Applications").

Material description

Color of section: white and approx. RAL 7016

Color of mesh: blue

Design: Plastic rails with plastering edge, self-adhesive PE tape, break-off PVC leg (break-off edge) with adhesive strips and integrated mesh strips that have a one-sided mesh overlap.

Width of profile: approx. 0.95 cm

Break-off edge: approx. 1.6 cm

Mesh strip: approx. 12.5 cm (Measurements see figure 1)

Length of sections: 1.40 m and 2.40 m

Packaging:

Length 1.40 m:

25 pcs./box = 35.0 m,

Length 2.40 m:

25 pcs./box = 60.0 m

Use

Consumption

Length 1.40 m: approx. 0.71 pcs/m.

Length 2.40 m: approx. 0.42 pcs/m.

Application temperature

Apply at an air and object temperature of +5 °C to +40 °C.

**Substrate preparation/
Adhesion test**

The substrate must be even, clean, dry, solid, load-bearing, and free from substances affecting the adhesion. Clean surfaces to be bonded with Universal Cleaner 1032 and then clean again with a microfiber towel to ensure they are free of residue. The components which are used as a mounting substrate must be dimensionally-stable and properly installed to ensure that they do not shrink and/or that major movements do not occur. An adhesion test is always to be performed before mounting to assess the usability. To achieve this, clean an area that will no longer be visible later on. To perform the adhesion test, press an approx. 10 cm long profile piece firmly against the substrate (frame). After a waiting period of 10 minutes, pull the profile forcefully away from the substrate at a right angle. Half of the self-adhesive PE tape must be stuck completely to the profile and the other half must be stuck completely to the substrate (continuous split in the PE tape) to achieve a suitable substrate. If the adhesion test indicates that the substrate is not suitable for bonding, we recommend consulting the Brillux Consulting Service.

Installation

The ETICS Window Joint Profile 3707 is usually mounted immediately after cleaning the substrate and before applying the insulation boards.

This involves measuring the planned edges and marking them on the substrate by taking into account the insulation thickness in the reveals.

Cut the ETICS Window Joint Profile 3707 to size with the Miter Shears 3767. Cut the mesh strip by pulling the miter shear's blade through it. Cutting into the break-off edge at the predetermined breaking point for a length of approx. 5 cm facilitates its subsequent removal.

For mounting, remove the protective strip from the self-adhesive PE tape and press the profile firmly against the substrate with its break-off edge facing outward and aligned with the markings.

First, attach the perpendicular profiles and then cut the upper transverse profile to length flush with the edges and fit it in. Cut the removable edge to size on the perpendicular profiles beforehand.

Pull the protective strip from the adhesive tape on the break-off edge to mask the structural components, cut the appropriate covering foil to size and then glue it on. To replace the covering foil, e.g. between the work steps, cut out the foil along the interior edge of the removable edge. Only remove the remaining foil from the break-off edge when the new foil is to be bonded.

As an alternative, it is also possible to cut the covering film in the center into a V shape, roll it up and to affix it again for the next work step. After attaching the profiles, install the insulation boards up against the plastic profile.

The fabric strip of the ETICS Window Joint Profile 3707 is used to reinforce the reveal and corner areas with the system-compliant reinforcement plaster.

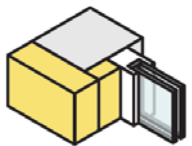
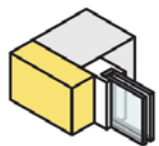


After application of a final top coat, the break-off edge and any covering foil should remain in place until the final coating has cured. If possible, also wait until the required equalizing coat has been applied. Then remove the break-off edge carefully (to avoid damage to the protective lip, do not use a cutter knife).

Also comply with the instructions on use enclosed in the packaging.

Storage

Store in a dry place and protect from moisture and direct sunlight.

Overview of the use of ETICS Window Joint Profiles taking into account the maximum size of the window or door system ¹⁾

	for front connection to window and door frames or roller shutter guide rails (Position of window in facade without insulation)						for lateral connection to window and door frames or roller shutter guide rails	
	 recessed in facade		 flush with facade		 projecting from facade		 	
Insulation material thickness (mm)	≤ 160	≥ 170 up to ≤ 300	≤ 160	≥ 170 up to ≤ 300	≤ 160	≥ 170 up to ≤ 300	≤ 160	≥ 170 up to ≤ 200
ETICS Window Joint Profile 3707	up to 10 m ²	up to 10 m ²	up to 10 m ²	—	—	—	—	—
ETICS Window Joint Profile Pro 3880	up to 15 m ²	up to 15 m ²	up to 15 m ²	up to 15 m ²	up to 15 m ²	up to 15 m ²	—	—
ETICS Window Joint Profile ZF 3820	up to 10 m ²	up to 10 m ²	up to 10 m ²	—	—	—	—	—
ETICS Window Joint Profile, flex 3801	—	—	—	—	—	—	up to 10 m ²	up to 6 m ²

¹⁾ Can generally be used in the specially designated areas up to the specified max. size of the window or door. * Always consult the Brillux Technical Consulting Service to assess the usability of larger window or door systems and the installation of window and door frames (without reveal creation with ETICS) flush with the plaster.

Notes**ETICS Reinforcement Plaster ZF**

We recommend use of the ETICS Window Joint Profile ZF 3820 when using ETICS Reinforcement Plaster ZF-SiL 3585 or ETICS Reinforcement Plaster ZF-R 3636.

Follow instructions

To ensure a safe installation of the ETICS Window Joint Profile 3707, windows and doors must be mounted in a state-of-the-art manner and in compliance with the applicable directives issued by the relevant associations ("RAL Gütegemeinschaft Fenster" und "Haustüren, Bundesverbände des Holz- und kunststoffverarbeitenden Handwerks, des Glashandwerks, des Metallhandwerks"). Undesirable movements, such as sagging due to inadequate fixture, must be prevented.

On surfaces not suited for adhesion

If the adhesion test in accordance with "Substrate preparation" shows that the substrate is not suited for the adhesion of this profile, we recommend to contact the Brillux Consulting Service.

Avoid heat build-up

Elevated heat build-up must be avoided, especially for dark profile color shades. This involves providing protection from direct sunlight during storage and interim storage until the application. Provide protection by taking appropriate measures, as required. Embed the profiles into the reinforcement layer as soon as possible after their installation.

Further Information

Detailed information on the reinforcement in the "ETICS Reinforcement Fiber Mesh 3797" Data Sheet and in the Data Sheets of the reinforcement plasters.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet appears with updated information the previous version no longer applies. The current version is available on our website.

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Figure 1
Dimensions of ETICS Window
Joint Profile 3707 (sizes in mm)

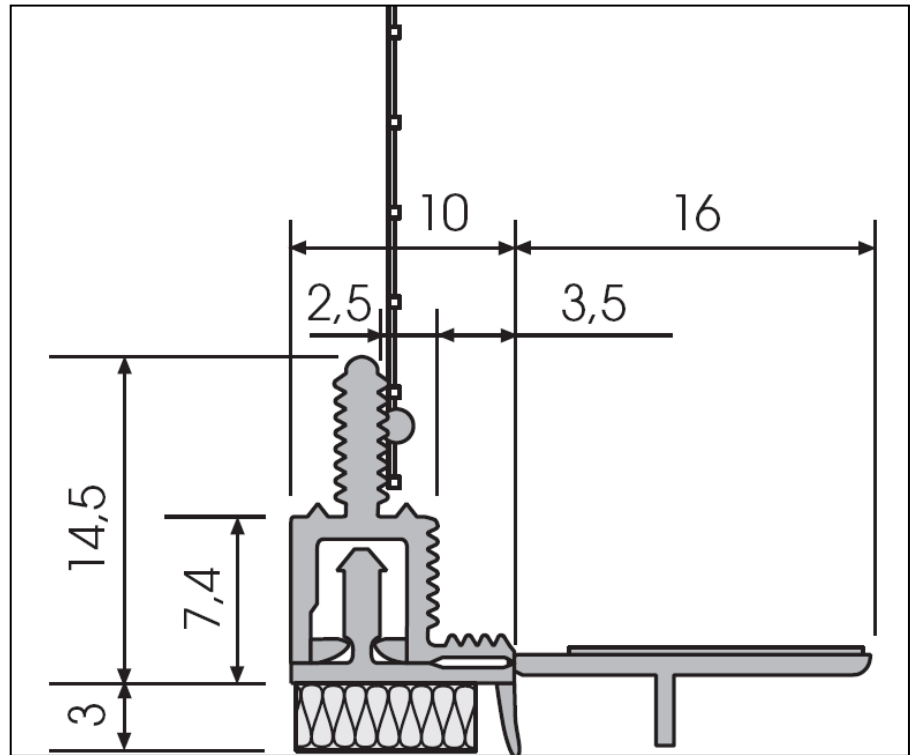


Figure 2
Mounted ETICS Window Joint
Profile 3707 with mesh strip,
TPE protective lip and plastering
edge

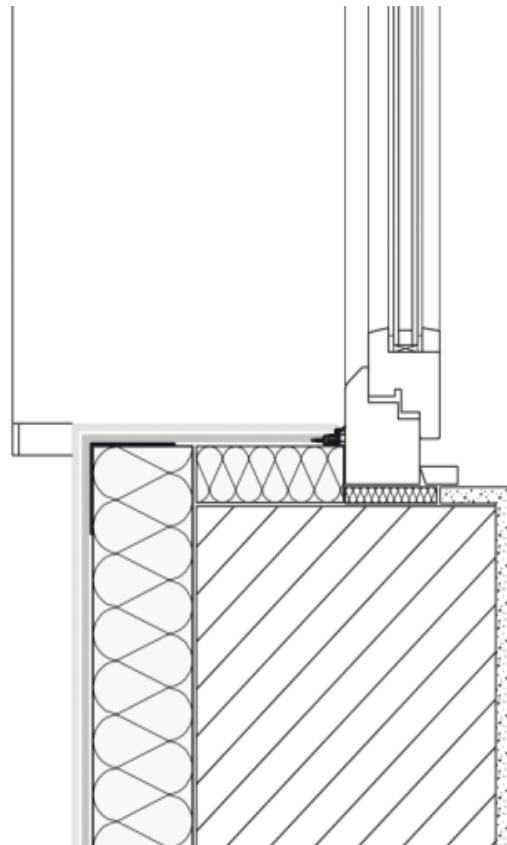


Figure 3
ETICS Window Joint Profile
3707

