

ETICS Base Profiles

WDVS Sockelprofile

**Base Profile 3770, Base Profile Corner 3777,
Base Profile Connector 3776,
Washers 3545, Hammer Drive Screws 3546**

ETICS Base Profile 3770

Properties

U-shaped aluminum profiles with front drip edge. The sections ensure a closed system termination, controlled rain water discharge and a safe level during the installation of the insulation boards. Thus, they form the basis of an exact system execution without non-permissible joints and gaps.

Field of application

For flush, neat realization of the lower termination in all the Brillux ETIC systems. Can also be used for details, e.g. at inclined roofs, as a lower termination at shutter lintels and, in combination with ETICS Sealing Tape 3796 as an alternative for making expansion joints. For flush, neat terminations in building corners, we recommend using the ready-made ETICS Base Profile Corner 3777.

Material description

Color of profile: Bare aluminum
Material: Aluminum section with front drip edge

Profile for Insulation
projections: board thickness:

23 mm	2.0 cm
33 mm	3.0 cm
43 mm	4.0 cm
53 mm	5.0 cm
63 mm	6.0 cm
73 mm	7.0 cm
83 mm	8.0 cm
93 mm	9.0 cm
103 mm	10.0 cm
123 mm	12.0 cm
143 mm	14.0 cm
153 mm	15,0 cm
163 mm	16,0 cm
183 mm	18,0 cm
203 mm	20,0 cm
223 mm	22,0 cm
243 mm	24,0 cm
263 mm	26,0 cm
283 mm	28,0 cm
303 mm	30,0 cm

Other profile projections upon request.

Length: 2.00 m

Packaging:

up to 93 mm projection
 20 pcs/bundle = 40 m,
 as from 103 mm projection
 10 pcs/bundle = 20 m,

ETICS Base Profile Corner 3777

Properties

U-shaped aluminum profile with V-shaped cut-out and drip edge. Facilitates implementation in area of outer corner and provides for a closed system ending.

Field of application

For a flush and clean formation of the lower ending on exterior building outer corners in all Brillux ETIC systems.

Material description

Color of profile: Bare aluminum
Material: Aluminum section with V-shaped cut-out and drip edge.

Profile for Insulation
projections: board thickness:

63 mm	6.0 cm
83 mm	8.0 cm
103 mm	10.0 cm
123 mm	12.0 cm
143 mm	14.0 cm
153 mm	15,0 cm
163 mm	16,0 cm
183 mm	18,0 cm
203 mm	20,0 cm
223 mm	22,0 cm
243 mm	24,0 cm

Other profile projections next page.

Profile projections:	for Insulation board thickness:
263 mm	26,0 cm
283 mm	28,0 cm
303 mm	30,0 cm

Other profile projections upon request.

Length: 0.85 m

Packaging:

up to 83 mm projection

20 pcs/pack = 17 m,

as from 103 mm projection

10 pcs/pack = 8.50 m

ETICS Base Profile Connector 3776

Properties

Special binders of hard PVC, with precut groove.

Field of application

For stable connection and flush implementation of ETICS Base Profile 3770.

Material description

Color: white

Material: Hard PVC with pre-fabricated groove

Lengths: 3 cm (piece)

Packaging: 100 pcs./pack

ETICS Washers 3545

Properties

Specially shaped spacers of hard PVC with central notch for sticking onto ETICS anchors.

Field of application

For leveling out substrate unevenness in the assembly of ETICS Base Profiles, as well as base and horizontal connection profiles in the ETICS rail system.

Material description

Colors: Red, blue and grey, depending on thickness

Material: Spacers made of hard PVC with notch in middle

Thicknesses : / **colors:**

3 mm / red

5 mm / blue

10 mm / grey

Packaging: 100 pcs./pack

ETICS Impact Screws 3546

Properties

Special impact screws of galvanized steel with plastic profile, available in two sizes.

Field of application

For fixation of the ETICS Base Profile 3770 and ETICS Base Profile Corner 3777.

Material description

Color: white

Material: Special hammer drive screws made from galvanized steel with plastic plug.

Lengths: / **diameters:**

60 mm / 6 mm

80 mm / 8 mm

Packaging: 100 pcs./pack

Use

Substrate preparation

Substrate preparation must be performed with regard to the respective substrate and the requirements. Chip off any projecting mortar or concrete pieces, level any major substrate unevenness with a suitable mortar in accordance with EN 998-1 (CSII, CS III, CS IV). Check existing plaster for solidity and cavities; test existing coatings for their load-bearing capacity. See also VOB Part C, DIN 18345, Section 3.

Installation

Assembly of the ETICS Base Profile 3770 is performed after substrate preparation and at the beginning of insulation work. The projection of the base profile must be selected to be appropriate to insulation board thickness. The ETICS Base Profile 3770 and/or the ETICS Base Profile Corner 3777 is aligned horizontally and flush with the previously determined height and attached with ETICS Impact Screw 3546 (at least 3 screws/m). The distance between ETICS impact screws in the profile element must be uniform. In this context, the distance of ETICS impact screws from the profile ends must be ≤ 10 cm. When used in the ETICS rail systems, approved ETICS anchors that are appropriate for the substrate must be used for installing the base profiles.

For an exact alignment of the Base Profiles during installation, the wall leg is provided with holes of different sizes and long holes.

For stabilization of the corners and the individual Base Profiles, we recommend using the ETICS Base Profile Connectors 3776.

Minor unevenness of the substrate may be leveled out using ETICS Washers 3545. If necessary, ETICS Sealing Tape 3796 must be installed behind the ETICS Base Profile 3770, particularly in the spray water affected base area.

At building corners, we recommend using ETICS Base Profile Corner 3777. This ensures simple and stabilizing execution of the corner area. In addition, this ensures that there is no offset of the insulation boards at exterior building corners. The V-shaped, cut-out ETICS Base Profile Corner 3777 which can be bent by 90° must be fixed using at least 2 plugs per leg.

After installation of the Base Profiles, the ETICS facade insulation boards are installed following the relevant installation specifications.

The ETICS Base Profile 3770 can be used in combination with ETICS Sealing Tape 3796 as an alternative for executing expansion joints.

Additionally usable for details, e.g. lower termination at shutter lintels or inclined roofs.

Notes

Surface reinforcement

When applying the surface reinforcement afterwards, ETICS Glass Fiber Mesh 3797 is to be installed to the corner area (edges of ETICS Base Profile 3770).

Armoring Fiber

If an additional reinforcement is provided using ETICS Armored Reinforcement Fiber Mesh 3773, this reinforcement ends flush with the drip edge of the ETICS Base Profile 3770.

Thick-layer reinforcement

In the case of thick-layer reinforcement, we recommend using ETICS Click-On Profile 3685 additionally to obtain an exact and stabilizing lower edge. To that end, the reinforcement and top coat are applied to the projection of the ETICS Click-On Profile 3685.

Further information

Follow the instructions in the data sheets of the products used.

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.

Brillux
Weseler Straße 401
48163 Münster
GERMANY
Phone +49 251 7188-0
Fax +49 251 7188-105
info@brillux.de
www.brillux.com

Figure

Applying of the reinforcing layer
up to the under edge of the
ETICS Base Profiles

