

678/02 - L-shape EPS complete fleece lamination
 678/03 - L-shape EPS partial fleece lamination
 678/17 - L-shape with plaster base board as apron

- Length: cut to size according to specified dimension
- max. element length 3 m
 max. element length 2.5 m (apron as render carrier board)
- Elements over 3 or 2.5 m total length are supplied in several parts.

Application

Substrate Preparation

All substrates must be load-bearing, dry, even (DIN 18202 or 18203), clean and free of adhesion-reducing residues. If necessary, pre-treat substrates according to the processing instructions of the adhesive.

Consumption

1 m/m

Installation, Fixing, Cut

Fabrication / cutting:

The Capatect external venetian blind box EPS 031 678 is manufactured in the required installation length.

Cutting to length on site is not possible.

Range of application:

The application limit of the "Capatect Raffstorekasten EPS 031 678" results depending on the characteristic wind suction load and the type of external venetian blind box overhang:

- With an overhang made of EPS insulation material, the max. wind suction load is 0.75 kN/m².
- With an overhang made of render carrier board, the max. wind suction load is 1.6 kN/m².

Installation / bonding:

To create a driving rain-tight connection, an appropriately dimensioned joint sealing tape must be applied at the transition to the window frame before bonding the gathered door box.

Bonding is carried out with mineral adhesive mortars according to the edge bead point method or by edge bead with additional mortar strips in the surface. A minimum bonding contact area of 60% must be maintained. On flat substrates, full-surface bonding using the floating-buttering method is possible. Sufficient lateral support, to the left and right of the building opening, must be observed.

In the execution of flame-retardant composite thermal insulation systems based on EPS insulation material, the structural fire protection measures for the installation of roller shutters and blinds must be implemented directly above openings. Alternatively, a fire break running horizontally around the building is to be arranged directly above the "Capatect Raffstorekasten EPS 031 678" on each storey.

Fixing:

If the "Capatect Raffstorekasten EPS 031 678" is installed beforehand and not in the course of the façade insulation, the box must be secured against slipping.

After the external venetian blind box has been aligned plumb and flush, at least two anchors/element (e.g. "Capatect Universaldübel 053") are used to secure the position. It is important that the anchors are not yet fully tightened to avoid twisting of the external venetian blind box due to the still soft adhesive at this point.

This method is also recommended for rows with several elements.

Fastening:

After the adhesive has cured, the "Capatect Raffstorekasten EPS 031 678" are fixed. The elements are anchored flush with the surface using screw anchors approved by the building authorities, e.g. "Capatect Universaldübel 053" with at least 3 anchors per metre. Previously placed anchors for fixing/securing the position are finally tightened.

In order to ensure flush countersinking of the anchor plates when using the gathered door box with render carrier board, the render carrier boards must be pre-milled with a milling attachment.

Applying in a row:

"Capatect Raffstorekasten EPS 031 678" over 3 m in length are supplied in several parts and joined together in the joint area with "Capatect Raffstore Verbindungswinkel 678/08". If external venetian blind boxes are installed around corners, they are connected to each other with the "Capatect Raffstorekasten EPS 031 678".

For this purpose, glue the unperforated leg of the external venetian blind connecting bracket to the inside of the external venetian blind box apron using "Capatect Fugenmasse MS" and additionally fasten the perforated leg in the aluminium rail using the corresponding self-tapping screws.

The joint area of the individual elements is bonded with "Capatect Fugenmasse MS" at the insulation end faces when joining them.

Special features: For rows of "Capatect Raffstorekasten EPS 031 678", the "Capatect Raffstore PTP-Profil 678/07" is recommended as base coat. In this case, a joint of approx. 3 mm must be formed. Joints between the render carrier boards are closed with the planned base coat before the base coat. In the vertical and horizontal transition area of the render carrier board to the surface insulation, a double fabric is to be inserted.

Base coat:

The base coat and finishing coat shall be as in the system build-up of the supplied ETICS. The max. render weight is to be limited to 12 kg/m². Use in ETICS with hard cladding is not possible.

The shading system is attached to the aluminium strip after completion of the ETICS work. The max. dead weight of the external venetian blind system must be limited to 15 kg/m. The installation of the external venetian blinds and the electrical connection are carried out by authorised specialist companies.

Advice

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Technical Information No. 678 · Issue: July 2023

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EPS 031 678 · Issued: April 2022