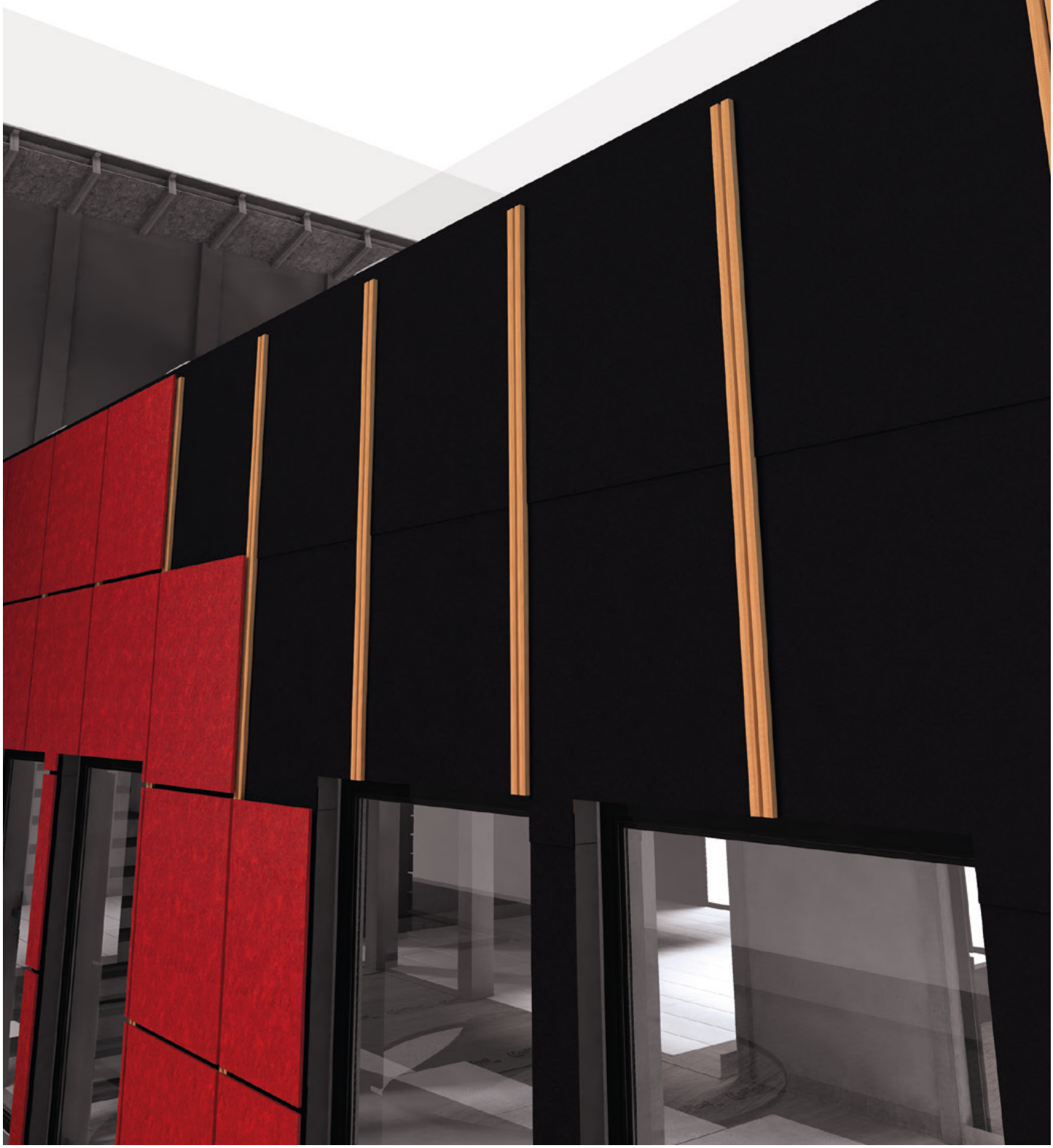
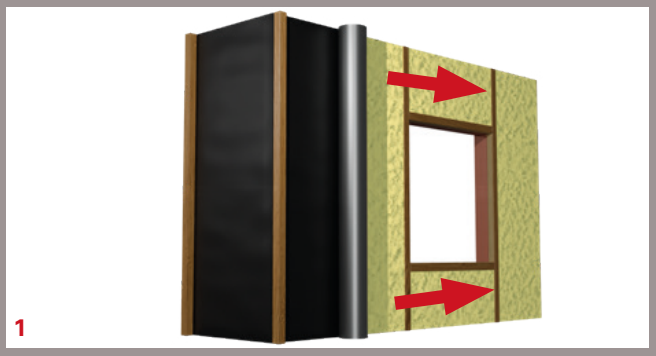
Processing instructions for CaWrap UV 180 (SK), UV 200 (SK) and UV 200 FR

According EN 13859-2:2010



Processing instructions for CaWrap
UV 180 (SK), UV 200 (SK) and UV 200 FR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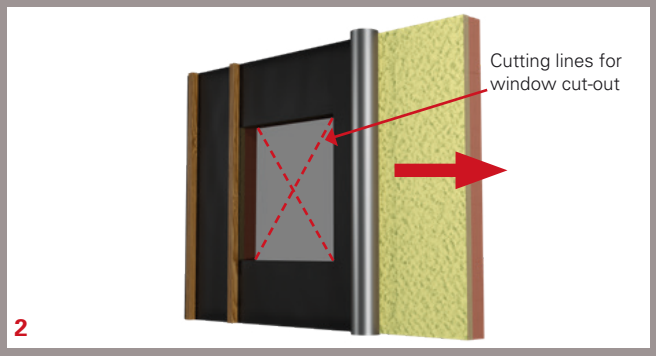

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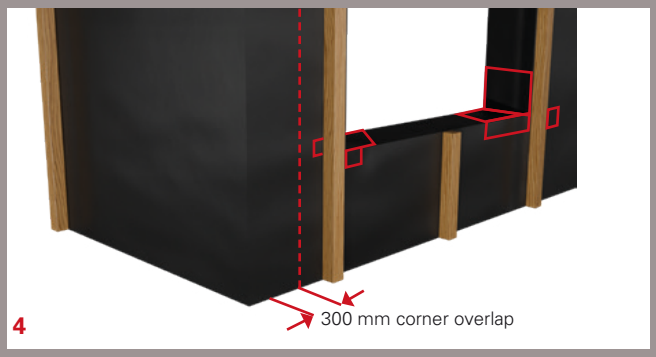

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The CaWrap UV 180 (SK), CaWrap UV 200 (SK) and CaWrap UV 200 FR façade membranes offer long-lasting UV protection and can be used for all rear-ventilated façade constructions with an open joint ratio of up to 40% and joints with a clear joint width of up to 50 mm. The new CaWrap UV 200 FR fulfils the increasing requirements for enhanced fire protection. The CaWrap membranes with self-adhesive strips (SK) have a permanently active adhesive in the edge area, which serves as an installation aid to help seal the overlaps. Driving rain or drifting snow are effectively kept away from the insulation layer. The smooth surface of the façade membrane allows any moisture that accumulates or penetrates to run off safely and securely.

CaWrap façade membranes must be stored in a dry place and protected from UV radiation. Products with self-adhesive strips must also be stored frost-free and not above +40 °C. The storage time of membranes with self-adhesive strips (SK) should be limited to 12 months. After this time, the adhesive strength may drop off.

1 CaWrap façade membranes can be installed parallel or perpendicular to the foundation on the substructure.

2 Roll out the membrane and cut to length. Then fix to the substrate in a corner within the overlap area using suitable fasteners (e.g. staples, wide-headed pins, spax screws, etc.). Unroll and cut the façade membranes to length.

3 Pull the membranes tightly and align them, then finally fasten them to the substrate construction over the entire length in the overlap area. Visible fasteners must be sealed with CaTape UV.

4 Overlap the membranes by approx. 10 cm (seen from top to bottom) and fix them in place as described above. Ensure that the overlapping membranes cannot build up any tension in the overlap.

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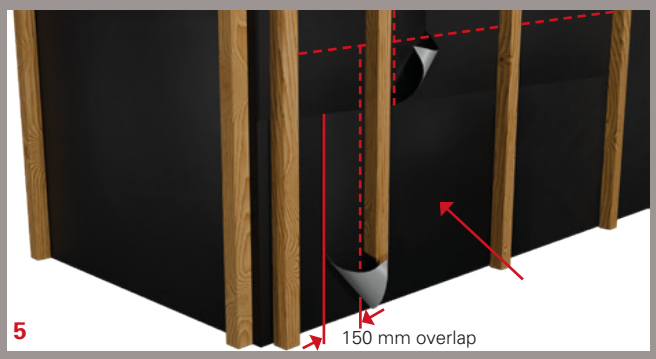

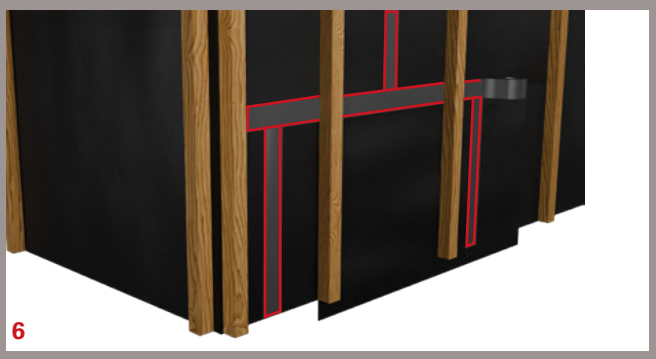

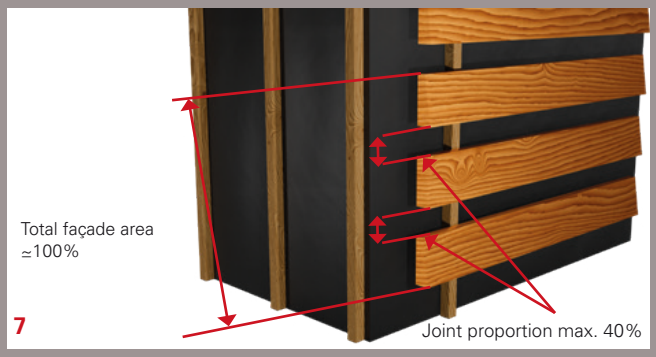

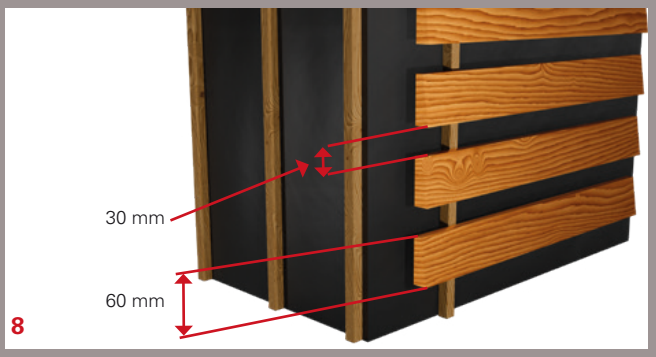

5 Smooth the CaWrap façade membranes without creases, all overlaps, without self-adhesive strips (SK), must then be taped windproof with the single-sided CaTape UV adhesive tape intended for outdoor use.

6 In the case of façade membranes with self-adhesive strips (SK), the masking tape is removed and the exposed adhesive is pressed onto the membrane to be overlapped without creases.

7 Openings, connections and terminations, e.g. windows, etc. must be permanently windproof using bonding techniques suitable for outdoor use, e.g. CaTape UV. If necessary, these must be secured with pressure battens or clamps. Any imperfections in the adhesive joints of the CaWrap façade membranes must be repaired with CaTape UV.

8 Counter battens are then installed for the final CaWrap façade membranes

The counter-batten thickness is calculated depending on the joint width:

- 50 mm joint width - for 60 mm battens
- 30 mm joint width - with 40 mm battens
- 20 mm joint width - with full-surface support of the façade cladding at least 21 mm thick

The façade cladding has a minimum width of twice the joint width (5 cm joint = width of the façade cladding at least 10 cm)

Important note:

With the self-adhesive versions (SK) of CaWrap membranes, all vertical overlaps must be secured with CaTape UV, especially when laying vertically.

Furthermore, resin eyes in the substructure must be masked with aluminium adhesive tape before laying the CaWrap façade membranes, as in rare cases slight blistering may occur.

The processing temperature should not fall below + 5 °C. The latest versions of the ZVDH technical rules, the CaPlast processing instructions, the relevant standards and the specifications of the GEG (Building Energy Act) and other applicable regulations must be observed during processing. The specifications of DIN 18516-1 must be observed and implemented in all cases. Use as UDB/USB is possible with a special contractual agreement.

We reserve the right to make technical changes in the interests of progress or for production-related reasons. The declaration of performance, the technical data sheet and further information can be found at: www.caplast.de

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