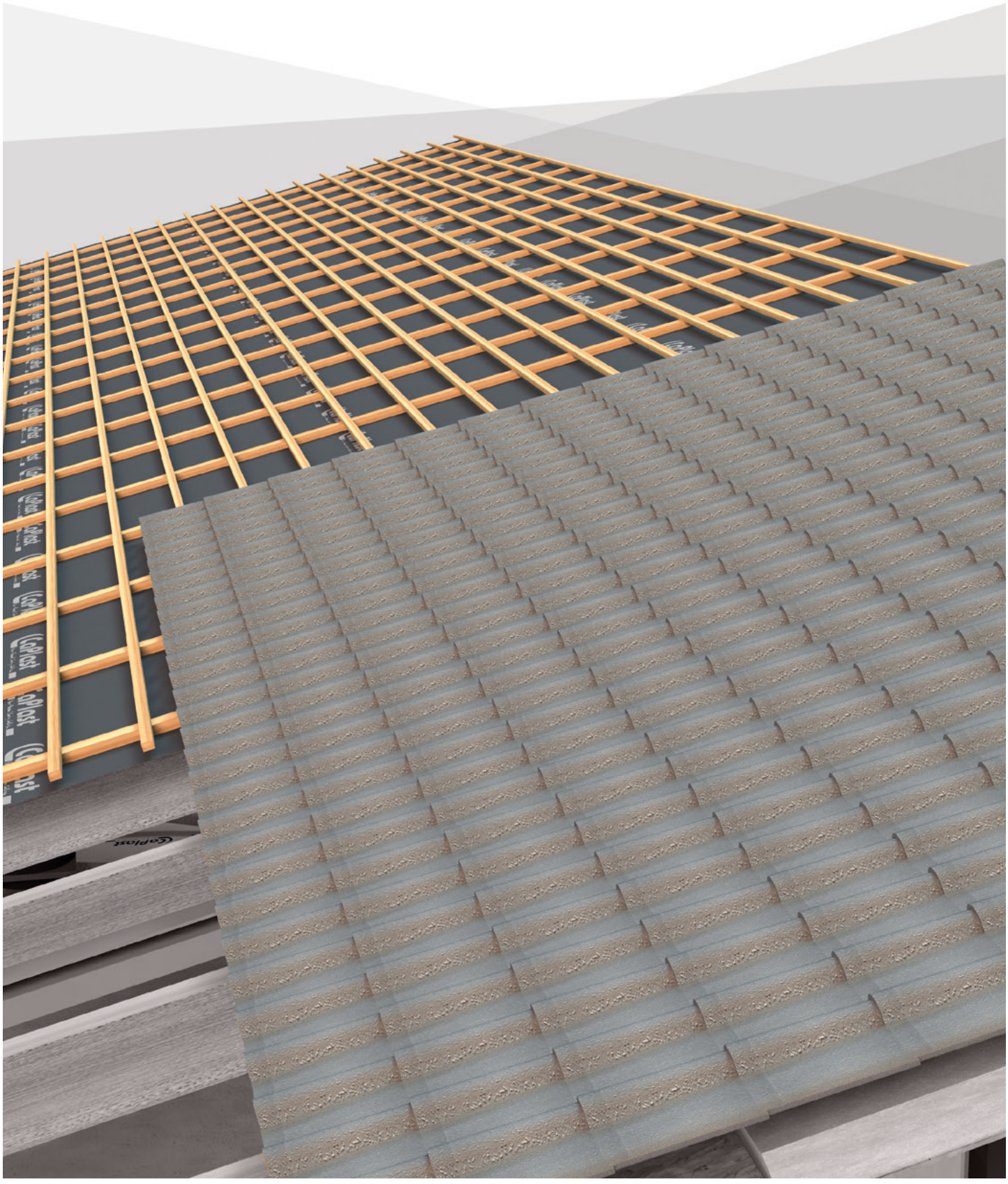
Processing instructions

CaTop UD 300

UDB

CE 10



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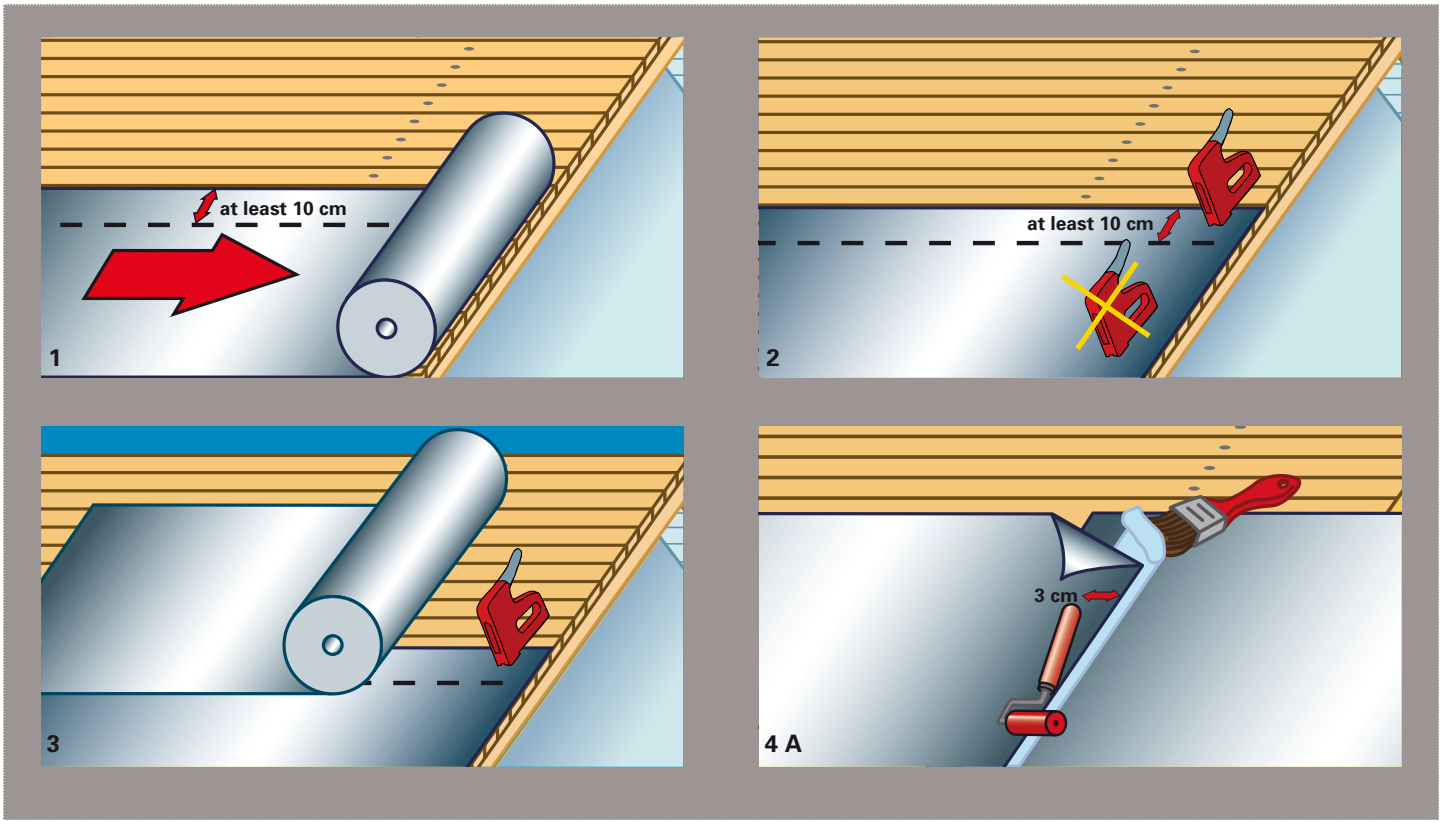


PROCESSING INSTRUCTIONS CATOP UD 300

The processing temperature should not fall below + 5 °C. CaPlast guarantees a makeshift covering as well as the rainproof and waterproof subroof* only with products from the CaPlast system. Please pay attention here to the accessory products of CaTop UD 300.

Fig. 1 Align the sheet parallel to the eaves on the substructure, unroll, cut to length, align and fix in the invisible upper overlap area. Both sides of the sheet are fully functional and suitable as a top layer.

Fig. 2 Fix the sheet in one corner within the upper overlap area using suitable fixing materials (e.g. staples, wide-headed pins, etc.).

Attention: the welding of all seams must be done completed within 14 days after the surface sheeting has been laid. It is not allowed to fix in the surface area. If surface fixing is unavoidable, the fixing must be welded over with a 10 cm by 15 cm sheet to make it watertight.

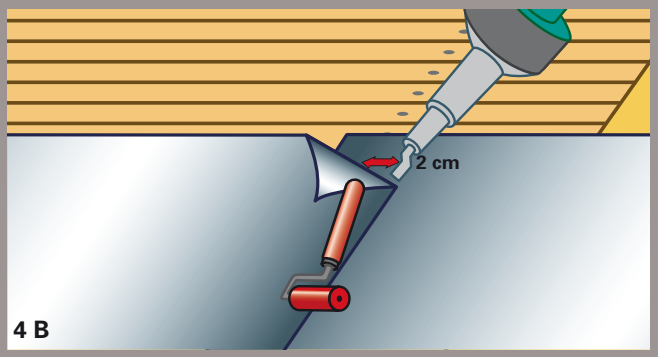
Fig. 3 The following sheet is overlapped by at least 10 cm and aligned with the marking. Fix 2 cm from the edge of the sheet in the overlap area and start again with Fig. 2.

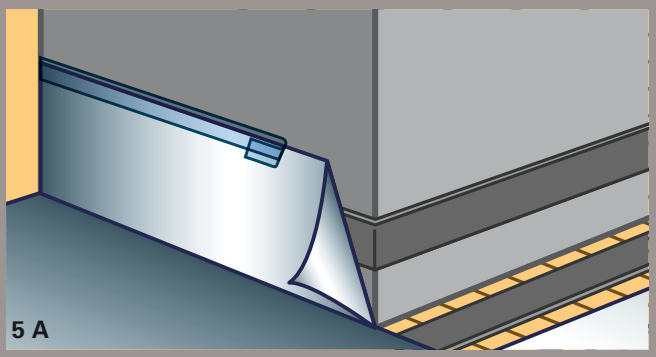
Fig. 4 A PROCESSING SWELLING WELDING AGENT

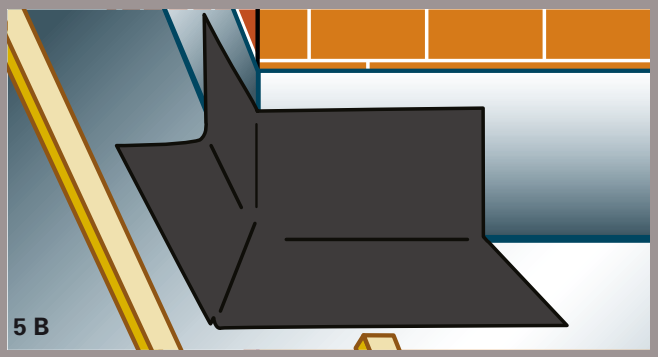
With the swelling welding agent CaWeld THF, the seam is welded as follows: carefully fill the CaPlast brush bottle (shown here simplified by a brush) with CaWeld THF and insert the brush into the overlap of the joining seam (overlap area or butt joint).

Under slight pressure, carefully apply the swelling welding agent (approx. 4 - 5 g /m^2) into the seam and join it directly afterwards with pressure (silicone roller). The effective weld seam width must be at least 3 cm. Excess swelling welding agent must be removed immediately with a cloth. Vertically running seams must be edge-sealed with CaTape Cameleon or alternative and approved sealing materials.

Welding tests are absolutely necessary in advance!







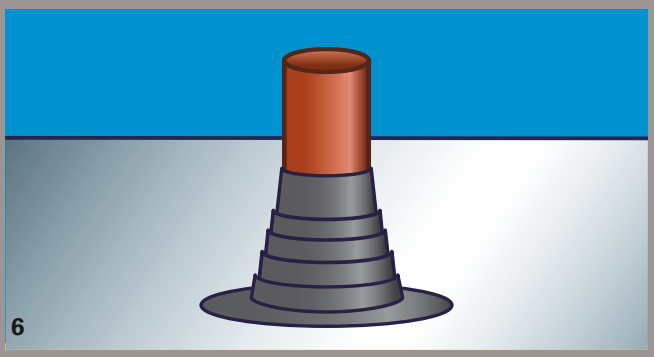


Fig. 4 B HOT AIR PROCESSING

The welding window will be 200 - 300 °C depending on the ambient temperature. The 20 mm nozzle is recommended for detail joints, the 40 mm nozzle for surface seams.

The hot air tool is inserted into the overlap area of the joint seam (overlap area or butt joint) and a metal pressure roller is used to join the layers. The effective weld width must be 40 mm.

Welding tests are mandatory in advance!

Vertically running seams must be edge-sealed with CaTape Cameleon or suitable alternative sealing materials.

Printing inks located in the joining seam area must be removed with commercially available solvents before welding.

Fig. 5 A OPENINGS OR RISING MASONRY

Openings or rising masonry Adhere a commercially available double-sided adhesive butyl rubber strip to the substrate at a height of approx. 10 -15 cm, priming it with an adhesion promoter beforehand if necessary. Pull a strip of CaTop UD 300 S up the masonry and bond it to the butyl rubber strip. Then mask the upper end of the strip with CaTape Cameleon adhesive tape. The adhesive tape must be centered on the edge of the strip. Then protect the taped area with a cross-cut strip. At the base, bind the strip into the surface using hot air or swelling welding agent. For corner sealing, proceed as shown in.

Fig. 5 B CORNER SEALING

With the help of the prefabricated corner solutions CaTop Edge, quick and practical detailed solutions for interior and exterior corners can be implemented. For a good durable and secure bond, absorbent substrates e.g. wood, stone etc. must be pretreated with commercially available primers. In general, these must be kept free of any existing separating substances such as grease, frost, moisture, dust, silicone etc.

Fig. 6 PIPE PENETRATIONS

Round pipe penetrations can be made with the pipe sleeve CaPlast CaCap PU by simply turning the base over and welding it into the surface. For this purpose, a makeshift sleeve is made from the CaTop UD 300.

(approx. 20 cm wider than the pipe diameter). A circular opening is made in the center of the sleeve (approx. 1.5 - 2 cm smaller than the pipe diameter). The pipe is ground and cleaned. Then pull the prepared collar over the pipe and pretreat the pipe and collar with commercially available primer. Finally, seal the collar with the sleeve and tape the edge of the sheet with CaTape Cameleon and secure it against slipping.

The surface can be bonded with CaWeld THF
(see section 4 A).

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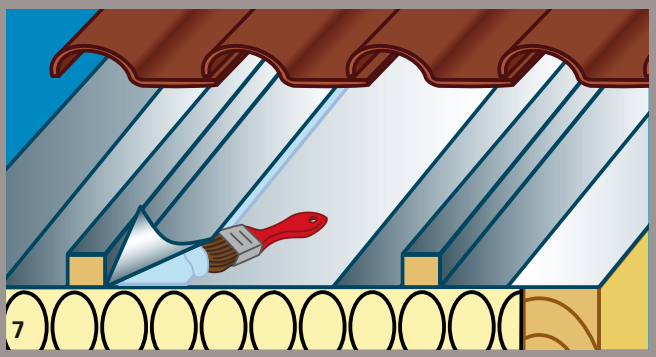

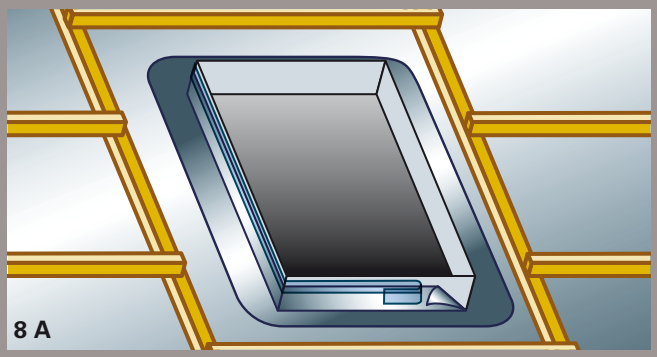

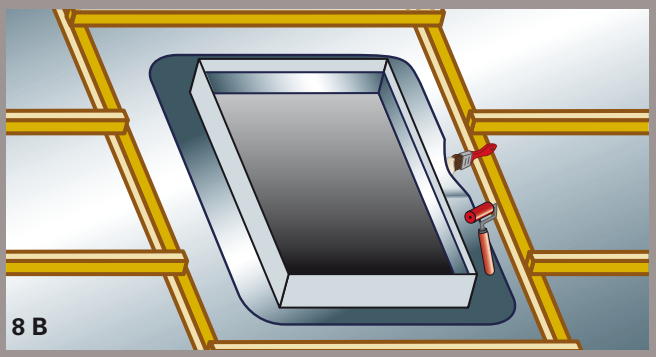

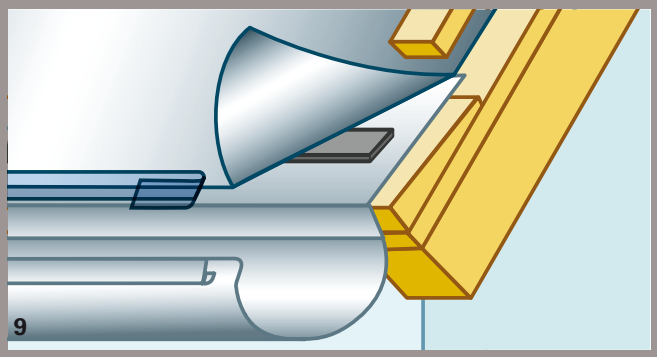

Fig. 7 INTEGRATION OF THE COUNTER BATTEN

When using CaTop UD 300 as a waterproof subroofing membrane*, the counter batten is waterproofed by means of a CaTop UD 300 S welding strip.

The edge strip is welded to the left and right of the counter batten with the membrane in the same way as the surface seam by means of hot air or swelling welding agent (see point 4).

Alternatively, the membrane can be pulled over the counter-batten in compliance with the trade regulations.

Fig. 8 RESIDENTIAL SKYLIGHT

In the case of residential skylight installations, the membrane is opened and the window is integrated into the surface using CaTop UD 300 S or a suitable cut from the membrane itself. For this purpose, the strip CaTop UD 300 S is pulled up at the window reveal and taped with CaTape Cameleon. The bonding in the surface can be done either with hot air or with solvent welding (see also Figs. 4 and 5). Vertically running seams must be edge-sealed with CaTape Cameleon or suitable sealing materials.

Fig. 9 EAVES SOLUTION FOR HIGH-SUSPENDED GUTTER WITHOUT FORMWORK

Clean and degrease the gutter hanging plate with a commercially available cleaner. Apply a 40 mm wide butyl rubber adhesive strip, adhesive on both sides, to the eaves sheet. Stick the sheeting onto the butyl rubber adhesive tape and then tape and seal the edge of the sheeting with CaTape Cameleon or suitable alternative sealing materials

In the case of PVC-coated sheets, it may be possible to weld the sheet directly to the sheet using swelling welding agent. **This must be checked in advance.**

* The execution as waterproof or rainproof sub-roof with CaTop UD 300 according to table 1.1 of class 1 or 2 must be agreed separately with the client or planner (special contractual regulation), since the applications of the sub-roof membrane, as waterproof or rainproof sub-roof of class 1 or 2 for diffusion-open membranes are currently not yet clearly regulated by the ZVDH.

The markings are dimension guide lines and not exact dimension specifications. During processing and execution, the relevant standards, technical rules, compliance with the specifications of the GEG (Building Energy Act) and other applicable specifications in the currently valid version must be observed. All information is given to the best of our knowledge and belief. No warranty can be derived from this.

VH A 09/24 EN - We reserve the right to make changes of a technical nature. Please follow the information stated in the product insert.

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