

INSTALLATION GUIDE

QUATTRO and system accessories



The roofing membrane must be rolled out and laid horizontally on the roof. The "longitudinal seams" in the area must be overlapped according to the direction of the roof pitch.

The roofing membrane must be layed into a rigid formwork made of wood (e.g. decking).



The roofing membranes can be glued using the integrated adhesive strip on the back for preliminary fixation. This makes the welding of the roofing membrane easier, as wind cannot easily blow the membrane over. The processing temperature for the roofing membranes is between +5 °C and +40 °C.

ⓘ The adhesive strip is only intended for preliminary fixation, not as permanent seam security. The seams must always be welded.



Press the gluing of the longitudinal joints firmly with your hand and also press with the hand roller.



ⓘ Tip: In the eaves area, the sheet metal and the roofing membrane can be rubbed with a cloth soaked in QSM solvent welding agent. This removes any oil residue and dirt and slightly roughens the surfaces. This results a better surface for the SKL adhesive.



5a

Variant 1: Longitudinal and transverse joints are welded continuously using QSM solvent welding agent and a hand roller. The QSM is applied to the overlap area using a brush bottle and, after a short exposure time of approx. 15 seconds, welded with the hand roller with increased contact pressure. A seam tightness test should be carried out. Incorrect areas can be repaired later.

Safety instructions on the can of QSM solvent welding agent must be observed.

After using it in brush bottles, any remaining QSM solvent welding agent must always be poured back into the can.



5b

Variant 2: Longitudinal and transverse joints are welded continuously using a hot air gun and hand roller. The hot air gun is heated to approx. 240 - 250 °C and pushed into the overlap area at a suitable angle. The overlap is pressed firmly with the hand roller. A seam tightness test should be carried out. Faulty areas can be repaired later.

Tip: Never leave the hot air gun in one place for a long time as this will cause the material to melt and dissolve.

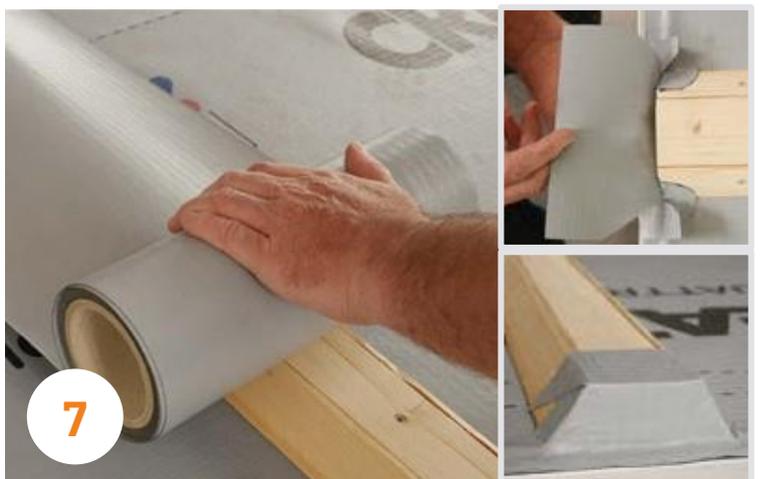
Wear safety gloves when working with the hot air gun!

i Both for the QSM and hot air gun method, the longitudinal and transverse joints are homogeneously welded with a lateral overlap of at least 10 cm and in a width of at least 4 cm. The welding area must be dry and free of contamination!



6

The waterproof underlayment has to be laid above the counter batten. To ease up the installation, a trapezoid shaped counter batten can be created.



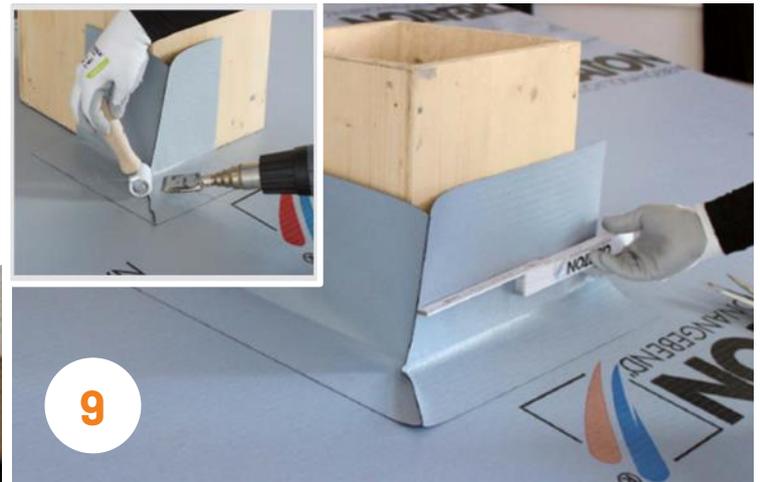
7

Roll out and cut the KKS counter batten trimming strips to length. Place it widthwise in the middle of the counter batten and weld tightly on the left and right sides of the sheet using QSM solvent welding agent or a hot air gun.

The lower end of the counter battens has to be sealed only along the valleys. The upper end of the counter battens is always sealed.



8
The membrane should be bend up along the verges in the top of the counter batten. The SKL adhesive can be used to fix the membrane into the counter batten.



9
When connecting to a wall (e.g. in the case of chimneys) the shape of the QUATTRO external corner element ensure the necessary overlap. It can be cut easily with a pair of scissor or a safety knife according to the size of the superstructure.

Use the SKL glue for connect it to the wall. The wrinkles has to be smoothen out with the hot air gun and with the pressure roller so these will not cause any barrier against the water flow.



10
Use at least 10 cm overlap and 4 cm welding width when connecting the external corner elements together!



11
Use an additional piece of QUATTRO underlayment between the two corner element, if the width of the superstructure is too large and the external corner elements are not overlapping to each other!

The QUATTRO foil is weldable in both side so it can be used as a patch to repair the damages!

i The requirements of national regulations (e.g. ZVDH, ÖNORM or SIA standards) as well as national and European standards (e.g. DIN or EN) must be observed.

- The installer of the product is responsible for the proper installation according to the installation instructions and for ensuring proper sealing.
- CREATON South-East Europe Kft. is not liable for damage resulting from improper installation

The material of the roofing membranes is not resistant to oils (e.g. lubricating oil), wood preservatives and organic solvents!