

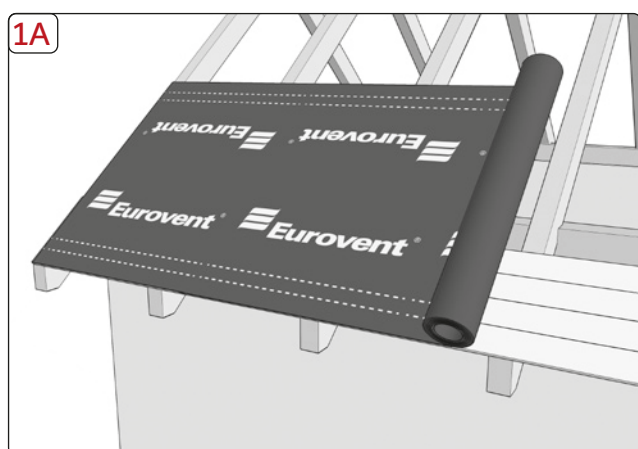
## EN ASSEMBLY INSTRUCTION

### Assembly instruction for Eurovent<sup>®</sup> Roof Membranes: BASIC; CLASSIC;

The method of installing the roof membrane depends on the roof slope and the type of roof covering used. The roof membrane is part of the roof covering, and its use must always comply with the installation instructions provided by the manufacturer of the roof covering, as well as the principles of roof design and construction practices.

**Before Installation:** Before proceeding with the installation of the membrane, it is essential to inspect it for any mechanical damage that may have occurred during transport or storage. The installation of the membrane implies acceptance of its condition as free from any damage. The selection and application of the membrane should be done according to its intended use and functionality. Installation must be carried out in accordance with the building's technical design, developed according to current building regulations and the best construction practices, with consideration of the guidelines included in this manual. During the renovation of inhabited buildings, it is mandatory to use protective tarps until the final roof covering is installed. Upon completion of the installation, it is recommended to have the work verified by an authorized person to confirm its correctness. For treating the wooden roof structure, do not use preservatives that react aggressively with polyethylene or polypropylene, as they may reduce the membrane's technical properties or permanently damage it. Before installation, ensure that the roof structure is completely dry and free of any impregnation residue. No impregnation of the roof structure should be carried out after the roof membrane has been installed.

**1:** Begin the installation of the membrane at the lower part of the roof slope, unrolling it parallel to the eaves, with the printed side facing up, directly on the rafters (**1A**). The membrane should be laid with a slight sag. Avoid excessive tension of the membrane between the rafters.



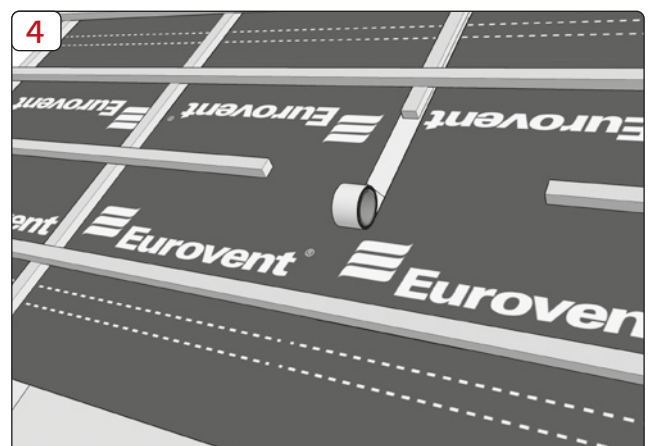
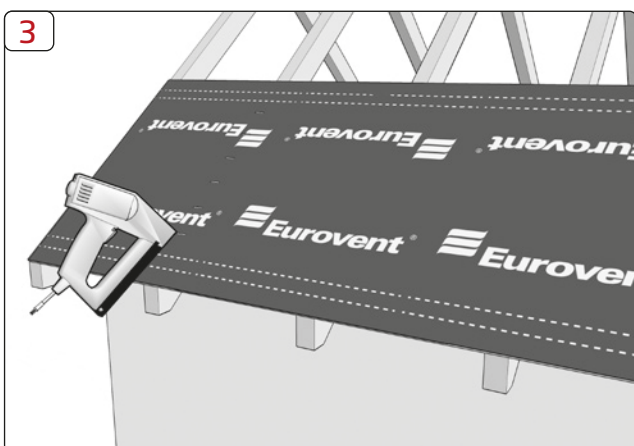
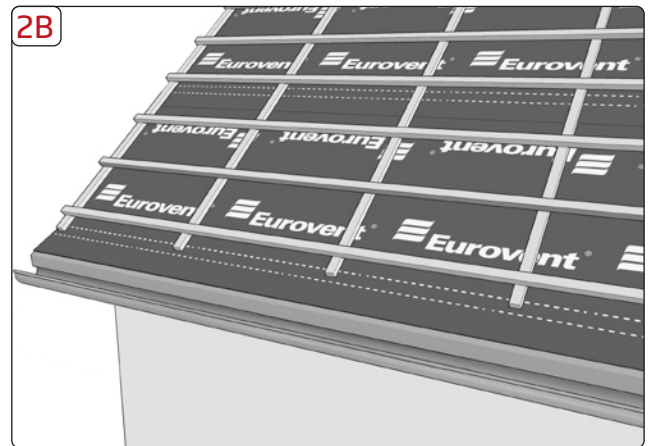
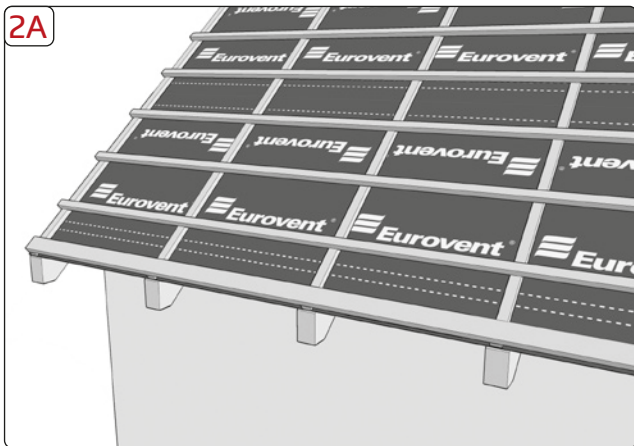
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**2:** The membrane in the eaves area should be installed under the counter battens and eaves batten on the eaves flashing (**2A**) or above the eaves batten on the gutter apron (**2B**). Care should be taken to avoid the formation of water pockets and reverse slopes. It is essential to maintain an open ventilation gap leading from the eaves to the ridge.

**3:** Attach the membrane to the rafters using nails or staples.

**4:** To ensure airtightness on the rafters and prevent water penetration, it is recommended to apply a strip of sealing tape (e.g., Eurovent® PUR or Eurovent® BUTYL PRO) under the counter battens on the side that will press the membrane against the rafter.

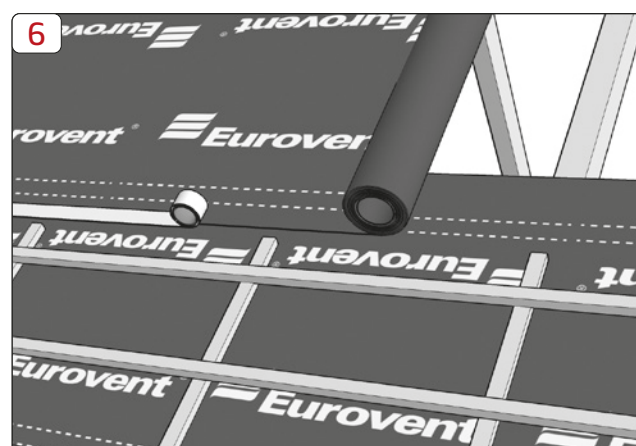
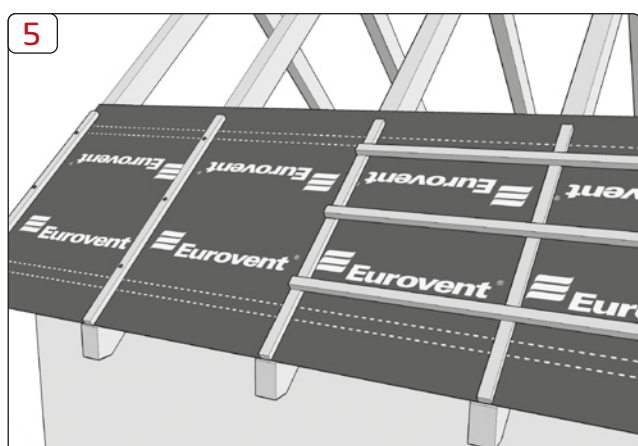


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**5:** Attach counter battens and battens on the stretched roof membrane. Counter battens ensure a ventilated gap between the membrane and the battens. The height of the battens ranges from 4 to 5 cm, while the height of the counter battens depends on the roof slope and the length of the rafters, and ranges from a minimum of 4 cm to even 15 cm in the case of roofs with a low slope. The appropriate height of the counter battens and battens should be determined by the roof's detailed design or the roofing material manufacturer. Ensure that the perforation points of the membrane with staples or nails are sealed with sealing tape (e.g., Eurovent® PUR or Eurovent® BUTYL PRO) and are located under the counter battens.

**6:** Lay the next strip of membrane with an overlap of 10-15 cm (for roof slopes below 25 degrees, an overlap of 20 cm is recommended). To ensure effective membrane installation on the roof and airtight overlaps, use single-sided tapes (e.g., Eurovent® TOPBAND; Eurovent® UNO COLD UV) or double-sided tapes (e.g., Eurovent® DUO) or tapes integrated with the SYSTEM SK2 membrane.

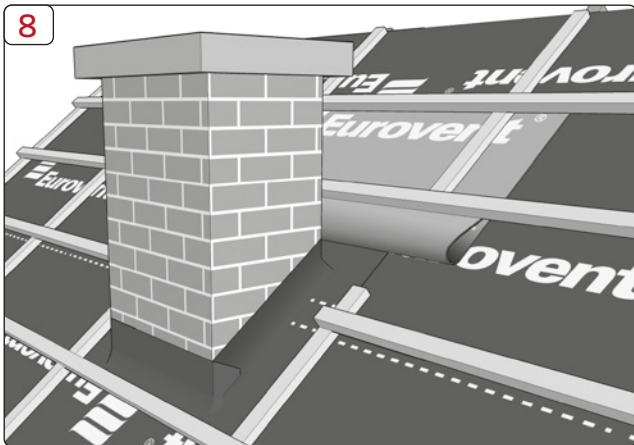
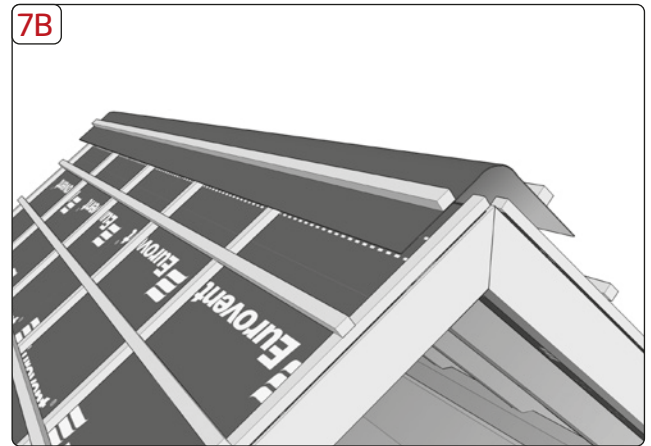
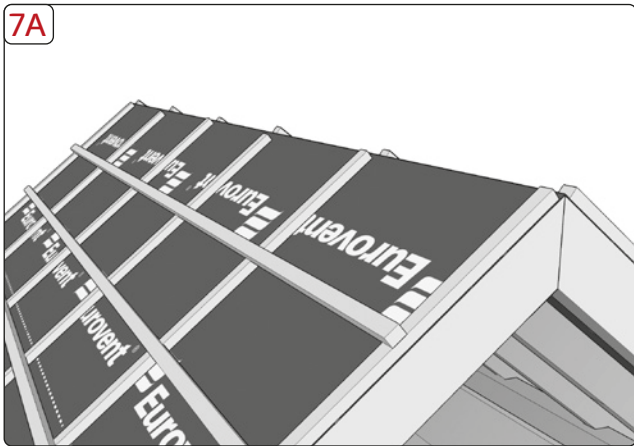


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**7:** For insulated roof constructions, the roof membrane is draped over the ridge to ensure tightness against snow and rain (**7A**). For uninsulated roof constructions, the roof membrane should end approximately 5 cm before the highest point of the ridge (**7B**). The resulting ventilation opening should be further secured with a strip of roofing membrane installed above the counter batten, overlapping the roof membrane by approximately 20 cm. The applied ridge construction solution must comply with the building design, the roofing manufacturer's installation manual, roof design and construction principles, and best roofing and building practices.

**8:** At elements protruding above the roof slope (e.g., chimneys, skylights), cut the membrane, pull it up, and secure it with butyl tape (e.g., Eurovent® BUTYL). Above these elements, create a gutter using an additional membrane sheet. Insert the sheet above the protruding element under the nearest overlap between the strips, fold the lower edge upwards, and nail it to the batten above the obstacle. Shape the slope of the gutter to drain away from the obstacle.

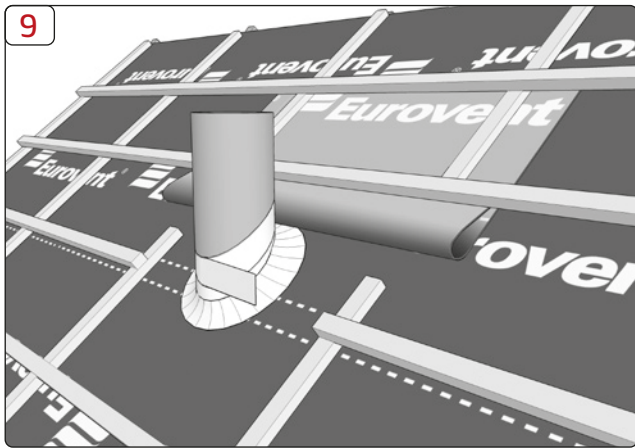


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**9:** For small elements (e.g., ventilation pipes), cut the membrane and wrap it around the element, then seal it using adhesive tape (e.g., Eurovent® UNO COLD UV; Eurovent® UNO or Eurovent® UNISAN).

A highly vapor-permeable roof membrane is a product intended for use in construction as an additional insulating layer for pitched roofs. Thanks to its high water vapor permeability, it can come into direct contact with thermal insulation (1A) – there is no need to create a ventilation gap between the membrane and the thermal insulation. The product must not be used on full sheathing and roofs with a low pitch. The final choice of the roof membrane is made by the designer.



**Additional Recommendations:** All punctures, damage, and tears in the membrane must be repaired using Eurovent® TOPBAND or Eurovent® UNO COLD UV tape.

The product is covered by a warranty provided that the installation instructions are strictly followed. The manufacturer reserves the right to refuse any warranty claims if the installation guidelines are not adhered to. The product label or sticker on the roll's spine must be kept as documentation for submitting a warranty claim. Rolls should remain in their original packaging until the roof membrane is installed. Rolls should be stored in covered, dry rooms free from moisture. Rolls must be protected from UV radiation. Rolls should be transported in covered vehicles, secured from damage. The membrane must be protected from chemical agents, particularly solvent-based substances, as they can reduce the membrane's technical properties or permanently damage it. The information, recommendations, and guidelines provided are based on our current best knowledge, research, experience, and good faith. We are not responsible for the consequences of improper or incorrect use of our products. Each user of this material should ensure, through all possible means, including examining the final product under relevant conditions, that the supplied materials are suitable for achieving the intended goals.

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**Additional recommendations:** The final roof covering must be installed promptly, no later than 4 weeks after the installation of the roof membrane. Within 12 weeks of installation, thermal insulation should be installed in the attic, or the attic should be darkened by covering windows and roof hatches to protect the inner side of the membrane from indirect UV radiation.

In case of a delay in the roof covering installation, the membrane must be strictly protected from UV rays by covering the roof area with a tarpaulin. Failure to comply with this recommendation may result in the loss of the membrane's functionality and warranty. After completion of the installation, it is recommended to have the work inspected by an authorized person to confirm the correctness of the execution.

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