



# DESCRIPTION OF THE PRODUCTS

COROTOP vapour insulation membranes are used to control the inflow of water vapour into structures and thermal insulations of dividing structures and to protect the dividing structures against draught.

The vapour barrier should be selected and used according to a technical project developed in accordance with the construction regulations, their intended purpose and functionality, taking into account the general guidelines included in this manual.

If you are interested in our products, visit our website [www.corotop.com.pl](http://www.corotop.com.pl) to correctly select a vapour barrier for your building.

## TRANSPORT AND STORAGE

- The vapour barriers should be transported using covered means of transport in packages of the producer, on pallets or in containers.
- All vapour barriers should be stored in enclosed, dry and well-ventilated rooms of non-aggressive atmosphere, in positive temperature and air humidity not exceeding 60%.
- The vapour insulating membranes must not be exposed to direct sunlight.
- The vapour barriers should preferably be stored in the vertical position, on a levelled, hardened, smooth and clean surface.
- They must not be stored in passages and within a distance less than 1m from active heating devices.
- The vapour barriers should remain in their original packaging until installation.

# PREPARATION FOR INSTALLATION

- The manufacturer will not be held responsible for defects of the vapour barriers caused during transport not carried out by the manufacturer, as well as storage of the products in improper conditions
- Wooden elements of the roof truss should be impregnated using solvent-free agents.
- Before installation, check all rolls of the vapour barrier for previous damage.

## NOTICE

In case of noticing damage on the vapour barrier or other visible abnormality, do not use it and discuss removal of the irregularity with the vendor.

Installation of the vapour barrier will be equivalent to acceptance of the visual quality of the vapour barrier and lack of damage caused during transport or storage.

# VAPOUR BARRIER INSTALLATION TECHNICAL REQUIREMENTS

The manufacturer will not be responsible for installation defects or defects of the vapour barrier caused by incorrect installation.

A correctly installed vapour barrier must be arranged tightly to prevent uncontrolled flow of water vapour and air into thermal insulation.

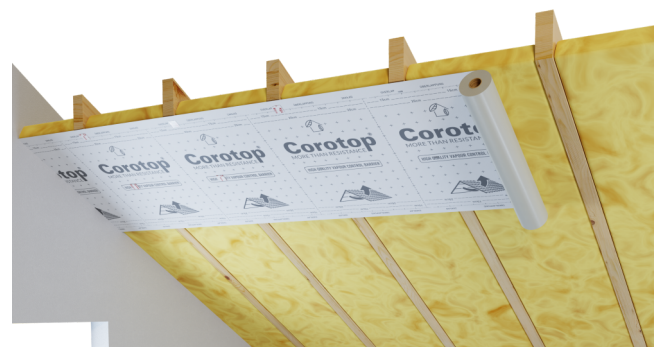
Therefore, pay special attention to ensure tight installation of the vapour barrier in critical places such as overlaps of the vapour barrier strips, end walls, partition and knee walls, chimneys and smaller elements that penetrate the vapour barrier.

The installation must be carried out in accordance with the technical design of the building and the rules of art, as well as officially accepted by an authorised person, e.g. the construction manager.

## VAPOUR BARRIER INSTALLATION GENERAL REQUIREMENTS

1. Before installation of the vapour barrier on a metal grate, degrease the profiles and apply a double-sided adhesive tape (e.g. Corotop MIX) on them. Apply strips of the vapour barrier horizontally (preferably from the top to the bottom) or vertically one by one, with the overprint pointing towards the interior of the room.

2. To install the vapour barrier on rafters or other wooden structures, use a stapler. Apply adhesive tape on the places where the vapour barrier is penetrated (e.g. Corotop FIX).



# VAPOUR BARRIER INSTALLATION GENERAL REQUIREMENTS

**3.** Further strips of the vapour barrier should be installed with an appropriate overlap, which is printed on the vapour barrier, and bonded using a one- (e.g. Corotop FIX) or double-sided adhesive tape (e.g. Corotop MIX).

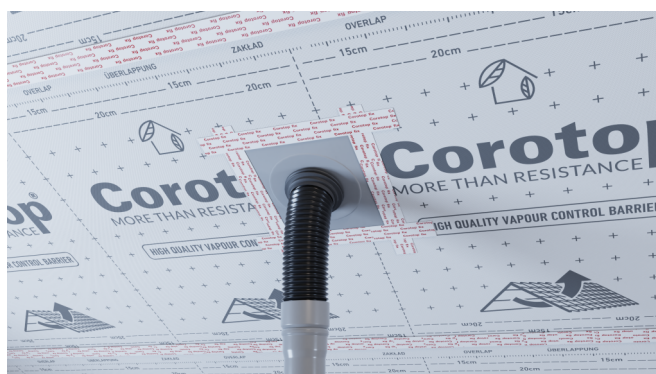


**4.** In the places of connection of the vapour barrier with walls, chimneys and other vertical elements, pay special attention to ensure tight installation. Adhere the vapour barrier using special glues and adhesive tapes (e.g. Corotop BUTYL) to prevent draughts.



or

**5.** Any technical passages (e.g. cables, pipes etc.) should be carefully tighten using special glues and tapes (e.g. Corotop FIX, MIX)



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# FINISHING WORKS

- All damaged places of the vapour barrier must be carefully repaired and protected against penetration of air to the thermal insulation.
- Within **3 months** from the date of finishing installation of the Corotop vapour barrier, perform complete installation of the casing from the inside. If it is impossible to construct the casing within this term (unusable attics), immediately protect the vapour barrier against daylight (dispersed UV radiation) e.g. by covering the windows or roof access windows.
- Corotop active vapour barriers do not substitute ventilation.
- In case of metallised vapour barriers, it is required, and in case of active vapour barriers – recommended, to create a dilatation (approx. 2cm) between the foil and the plasterboard

# EXPLOITATION

Each Corotop vapour barrier will fulfil its function provided that it is installed in an uninterrupted and tight manner, preventing uncontrolled flow of water vapour and air. Due to UV radiation, the vapour barrier must be protected against daylight in unusable attics.