

Eurovent CLIMA X

Eurovent® CLIMA X active vapor barrier membrane, three-layer, reinforced with PE mesh, has a variable level of Sd coefficient. Made of a layer of polypropylene nonwoven fabric, a special functional film and PE mesh. The functional film allows small amounts of water vapor to migrate towards the attic from inside the building and, if necessary, from the attic to the inside, which causes the product to have vapor barrier activity. It can be made to order in a version with two adhesive tapes - SYSTEM SK2



PARAMETER	UNIT	VALUE
Reaction to fire		E
Sd value	[m]	≥ 10 m ± 2 m
Variable Sd	[m]	2-16 m
Mass per unit	[g/m ² (±10%)]	ca. 115
Thickness	[mm]	ca. 0,5
Water-tightness		W1
UV resistance	[month]	2*
Exposure time on UV	[week]	4
Tensile strength MD	[N/50 mm]	ca. 304
Tensile strength CD	[N/50 mm]	ca. 248
MD extension	[%]	10-30
CD extension	[%]	10-30
Tear resistance MD	[N]	ca. 280
Tear resistance CD	[N]	ca. 299
Impact resistance		NPD
Color		white
Roll size	[m x mb]	1,5 x 50 = 75 m ²
Pallet	[rolka]	50

Advantages:

- Highly tear-resistant.
- Prevents water vapor condensation.
- Available with the SK2 SYSTEM.

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Application:

The Eurovent CLIMA X vapour control membrane is used in residential and industrial construction as a vapour control layer protecting the attic against excessive moisture penetration from the inside of a room to thermal insulation. Used in roof and wall construction too. Thanks to its active properties, it prevents, among other things, the effect of a “foil bag”, i.e. the formation of fungi and moulds in the attic as a result of excessive moisture. It protects structural timber from decay. When installing it, it is strongly recommended to use the Eurovent® DUO adhesive tape to glue subsequent overlaps and to seal joints with the roof construction elements.



Installation recommendations / warranty:

Installation should be carried out using Eurovent® tapes for gluing overlaps, repairs and protecting places where the membrane is punctured (caused by staples, nails, other mechanical damage). It is essential to protect the places where the membrane is punctured (damaged). Within 4 weeks from the date of installation, the vapor barrier membrane should be protected against the effects of daylight (UV radiation). The product is covered by a warranty provided that the guidelines contained in the technical data sheet and installation instructions are strictly observed. The manufacturer reserves the right to refuse to accept a complaint in the event of failure to comply with the presented guidelines.

Storage / transport:

The product should be stored in a dry place, under cover, free from moisture and UV radiation in original undamaged and closed package. Rolls should be transported in covered means of transport. They should be prepared for transport in a manner that protects them from damage and destruction. During transport safety regulations must be observed. The product should be protected from chemical agents, in particular solvent based substances, as they can reduce technical parameters of foil or permanently damage it.

System SK2:

Membrane is available, on demand in SYSTEM SK2 based on two integrated self-adhesive tapes. This solution facilitates installation and guarantees proper sealing of overlaps. Two complementary tapes enable durable connection of membranes in all weather conditions: at high humidity, during strong winds, in the rain, at low temperatures, on a heavily soiled membrane's surface. To gain proper sealing of overlaps, use the line which is min. 10 cm from the membranes edge.



Contained information, advice and guidance is given based on our knowledge, researches, experience and in good faith. We are not responsible for the consequences of improper or incorrect use of our products. Each user of this material will ensure in every possible way, including an examination of the final product in the relevant conditions, the suitability of supplied materials to achieve the objectives pursued by him.

Product information can be found on the website: www.eurovent.de

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