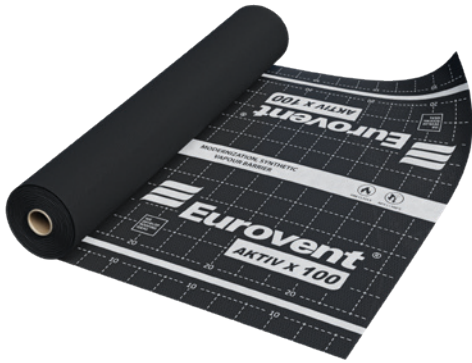


TECHNICAL DATA SHEET



Eurovent **AKTIV X 100**

A four-layer synthetic vapor barrier membrane, designed for renovation work in the inverted roof system technology. Due to its vapor control properties, it prevents condensation of water vapor and protects thermal insulation and structural wood from moisture. Its tear resistance and high UV resistance allow for efficient completion of renovation work. Available upon request in a version with two self-adhesive tapes – SYSTEM SK2.

PARAMETER	UNIT	VALUE
Material	-	PP
Vapour-permeability	[g/m ² /24h]	ca. 0,5
Reaction to fire	-	E
Temperature Resistance	[°C]	-40 up to +100
Sd value	[m]	ca. 100 m
UV resistance	[months]	6*
UV Exposure Time	[weeks]	4
Mass per unit	[g/m ² (±5%)]	env. 170
Water-tightness	-	W1
Tensile strength MD	[N/50 mm]	700 (+/-100)
Tensile strength CD	[N/50 mm]	650 (+/-100)
Tearing Resistance MD	[N]	235 (+/-60)
Tearing Resistance CD	[N]	280 (+/-80)
Color	-	black
Roll size	[m x rm]	1,5 x 50 = 75 m ²
Pallet	[rolls]	40

* UV stabilization even up to 6 months according to artificial ageing performed in the laboratory related to the conditions of average sun exposure for the climate in Central Europe ** Limited time exposure.



Eurovent **AKTIV X 100**

Application: Used in residential and industrial construction as a vapor barrier layer, primarily during the renovation of usable attics, especially in the inverted roof system technology. Effectively prevents excess moisture from the interior of the building from penetrating the thermal insulation. Protects structural wood from rotting and ensures a healthy indoor climate. During installation, Eurovent[®] adhesive tapes must be used (e.g., Eurovent FAST or integrated adhesive strips – SYSTEM SK2). For sealing joints with roof or wall construction elements, use tape (e.g., Eurovent[®] UNISAN or Eurovent[®] UNO).

Installation recommendations / warranty: Installation should be carried out using Eurovent[®] adhesive tapes to seal overlaps, repair, and secure areas where the membrane has been punctured (caused by staples, nails, or other mechanical damage). Punctured areas (damage) must be absolutely secured. Within 4 weeks of installation, the vapor control membrane must be protected from exposure to daylight (UV radiation). The product is covered by a warranty, provided the technical data sheet and installation instructions are strictly followed. The manufacturer reserves the right to refuse warranty claims if the provided guidelines are not followed.

Safety: The product is not intended for consumption. Avoid contact with eyes. In case of skin irritation, consult a doctor.

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, especially solvent-based substances, as they may degrade its technical properties or cause permanent damage.

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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