

EKOVILLA SMART X PRO VAPOUR BARRIER MEMBRANE

PRODUCT INFORMATION

Ekovilla Smart X Pro is a **mesh-reinforced** vapour barrier membrane with variable water vapour resistance. This feature reduces the risk of moisture condensation inside the structures and improves the fault tolerance of structures compared to conventional vapour barrier plastic.

APPLICATIONS

Smart X Pro is used as an internal air and vapour barrier for walls, ceilings and floors insulated by fibrous insulation material. It is particularly designed to be used in applications where high strength performance and limited elongation are needed e.g. in **cavity blowing**.

INSTALLATION

Smart X Pro is quick and easy to install. It withstands handling without tearing due to its mesh reinforcement. Furthermore, the transparency of the fabric facilitates attachment to timber frame elements.

The membrane is fixed by stapling at 200 mm intervals. The joints are overlapped 100—200 mm and joint durability is ensured by Ekovilla X Sealing tape.

TECHNICAL DETAILS

Weight	100 g/m ²
Water vapour permeability	13 m
Variable water vapour permeability	0,4-35 m
Water permeability	W1
Reaction to Fire	E
Tearing resistance (MD/CD)	260/260 N
Tensile strength (MD/CD)	340/300 N/50mm
Elongation (MD/CD)	25%/23%

PACKAGE INFORMATION

GTIN	Width	Length	Area	Weight	Pallet package
6419412000050	3m folded to 1,5m	25 m	75 m ²	7,5 kg	24 rolls/pallet
6419412000043	3 m	50 m	150 m ²	15 kg	24 rolls/pallet*

*Dimensions 300x75x70cm



ADVANTAGES

- **Mesh reinforced**
- **Moisture variable**
- **Transparent**
- **Lightweight**
- **Limited elongation**

Material

Non-woven fabric	Polypropylene
Functional layer	Polyethylene copolymer
Reinforcement mesh	Polypropylene

ACCESSORIES



Ekovilla X
sealing tape



Ekovilla X
grommet seal