

PAROC Vapor barriers

PAROC Vapor barrier 012 (XMV 012)
 PAROC Vapor barrier 020 (XMV 020)
 PAROC Vapor barrier corner (XMV 002)



PAROC Vapor barrier (XMV 012 and XMV 020) is used in the external walls, floors, and roofs of buildings that are in use all year round. The vapor barrier is made of age-resistant LD polyethylene.

The purpose of the vapor barrier is to prevent moist room air from entering the structures. Therefore, the vapor barrier is usually installed between the inner cladding board and the thermal insulation layer. The vapor barrier layer must be continuous for the entire exterior envelope of the building. All joints and seams must be carefully sealed. Ready-made **PAROC Vapor barrier corner** pieces (XMV 002) made of vapor barrier plastic make it easier to seal the vapor barrier around window openings and beams.

The internal studding on top of the vapor barrier (on the warmer side of the structure) serves as an installation space for electrical piping and helps to keep the vapor barrier intact. Vapor barriers are available in two different thicknesses, 0.12 mm, and 0.20 mm. In loaded structures (e.g., flat roofs), we always recommend using a 0.20 mm thick membrane.



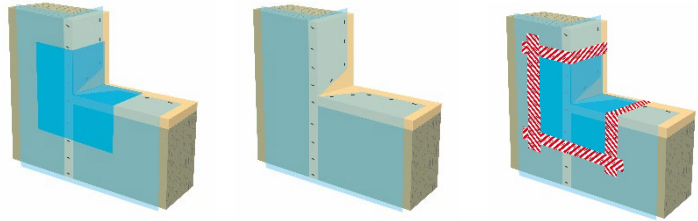
- APPROVALS:** CE marked according to EN 13984, Sintef technical approval TG 20201
- APPLICATION:** Building envelope; external walls, roofs, attics, and ventilated floors
- PACKAGE / STORING:** Plastic bag / carton. Indoor storing max. 30 °C. Outside in normal Nordic conditions

DIMENSIONS

Product code	thickness	width x length	packing	weight	EAN 64380
XMV 012	0.12 mm	2.9 m x 80 m	1 roll	111 g /m ²	8528393
XMV 012zcf	0-12 mm	2.7 m x 25 m, folded, roll width 1.35 m	1 roll	111 g /m ²	8528242
XMV 012zcf	0-12 mm	2.7 m x 25 m, folded, roll width 1,35 m	53 rolls / pallet	111 g /m ²	8571907
XMV 020	0.20 mm	2.7 m x 50 m	1 roll	185 g /m ²	8518408
XMV 020	0.20 mm	2.7 m x 50 m	38 rolls / pallet	185 g /m ²	8571906
XMV 020zcf	0.20 mm	2.7 m x 25 m, folded, roll width 1.35 m	1 roll	185 g /m ²	8566682
XMV 020zcf	0.20 mm	2.7 m x 25 m, folded, roll width 1.35 m	53 rolls / pallet	185 g /m ²	8571914
XMV 020zcf	0.20 mm	2.8 m x 50 m, folded, roll width 1.40 m	36 rolls / pallet	185 g/ m ²	8542587
XMV 002	0.20 mm	125 mm x 170 mm x 200 mm	60 pcs / bag 600 pcs / carton 1000 pcs / carton		8533654 8533655 8533484

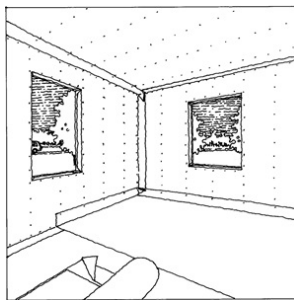
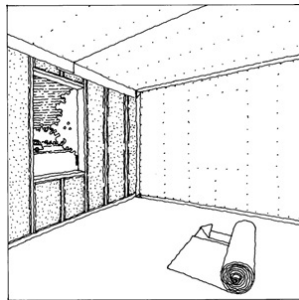
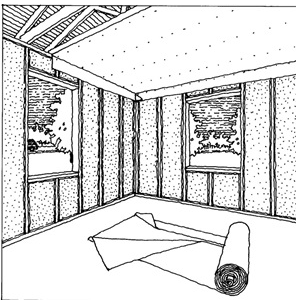


PAROC Vapor barrier corner (XMV 002) is a finished piece made of a 0.20 mm-thick vapor barrier membrane by welding. The corner piece is designed to facilitate the sealing of the vapor barrier layer in the corners around windows and doors. The 90-degree angle of the piece is suitable for frame widths of 125, 170, and 200 mm. When sealing the joints of the beams, the piece can be installed on both sides of the beam.



INSTALLATION

Cut the vapor barrier to the desired length so that it can be extended 200 mm to the connected surrounding constructions. Open the membrane to its full width and fasten it to the beams and studs in their lengthwise direction. All seams should be overlapped by 200mm and taped. Seal the seams with **PAROC Vapor barrier sealing tape (XST 013)**.



TECHNICAL PARAMETERS

Property	value	according to
Fire Properties		EN 13984:2013
Reaction to fire, Euro class	F	
Mechanical Properties		
Tensile strength	MD, TD > 20 N/mm ²	
Elongation at break (%)	MD, TD > 500 %	
Tear strength (N)	MD, TD > 60 N	
Moisture Properties		
Water tightness	Pass	
Water vapor resistance	> 1.5 x 10 ⁶ s/m	
	> 40 m (s _d value)	
Resistance to aging	Pass	
Resistance to alkali	Pass	

Property	value	according to
EPD; GWP value A1-3, (1m²)	0.12 mm: 0.234 kgCO ₂ eq. 0.20 mm: 0.389 kgCO ₂ eq.	NEPD-3293-1904-EN
Durability	Calculated service life of over 50 years.	
Stability	The product is a stable thermoplastic, and it is not chemically reactive. Decomposition temperature > 300 °C.	
End of life	After end use, the plastics should be recycled or subjected to controlled burning, preferably with energy recovery. The heating value for the product is about 46 MJ/kg. No contaminated packaging can be recycled.	
Other	Listed in Nordic Ecolabelling Portal	

ACCESSORIES

- PAROC Vapor barrier sealing tape (XST 013)
- PAROC Vapor barrier tape sheet (XST 012)

