

AIR VAPOUR CONTROL LAYER AVCL



Air vapour control layer AVCL made of 2 layers of PP for application on hot side of heat insulation on walls and roofs.

PROPERTY	STANDARD	U/M	VALUE	
Mass per unit area	EN 1849-2	g/m ²	100	
Thickness	EN 1849-2	mm	0,3	
Straightness	EN 1848-2	–	conforming	
Water vapour transmission (Sd)	EN 1931	m	25	
Maximum tensile force	MD/CD	EN 12311-2	N/50 mm	150/130
Elongation	MD/CD	EN 12311-2	%	50/50
Resistance to tearing	MD/CD	EN 12310-2	N	80/80
Watertightness	EN 1928	class	conforme	
UV resistance	–	months	npd	
Temperature resistance	–	°C	-40/+80	
Reaction to fire	EN 13501-1	class	E	
Resistance to penetration of air	EN 12114	m ³ /m ² h 50Pa	< 0,02	
Durability of water vapour resistance against ageing	EN 1296	–	conforming	
Alkali resistance	EN 13984	–	npd	
Thermal conductivity (λ)	–	W/mK	0,3	
Specific heat	–	J/kgK	1800	
Class mass per unit area and tensile strength (Italy)	UNI 11470	class	D/R1	
Joint strength	EN 12317-2	N	npd	
Impact resistance	EN 12691	–	npd	

MD: longitudinal CD: transversal

DELIVERY VOLUME	
Product width	1,5 m
Product length	100 m
Product surface area	150 m ²
Product weight	15,3 kg
Pieces/pallet	36
Pallet dimensions	1,5 x 1,2 x 1,2 m

COMPOSITION	
Top layer	non woven Polypropylene
Bottom layer	vapour check PP film

PRODUCT STORAGE

Keep the rolls in a dry place, away from heat and direct sunlight. It is also advisable to avoid overlapping of pallets. These actions are necessary to preserve the original features of the product.

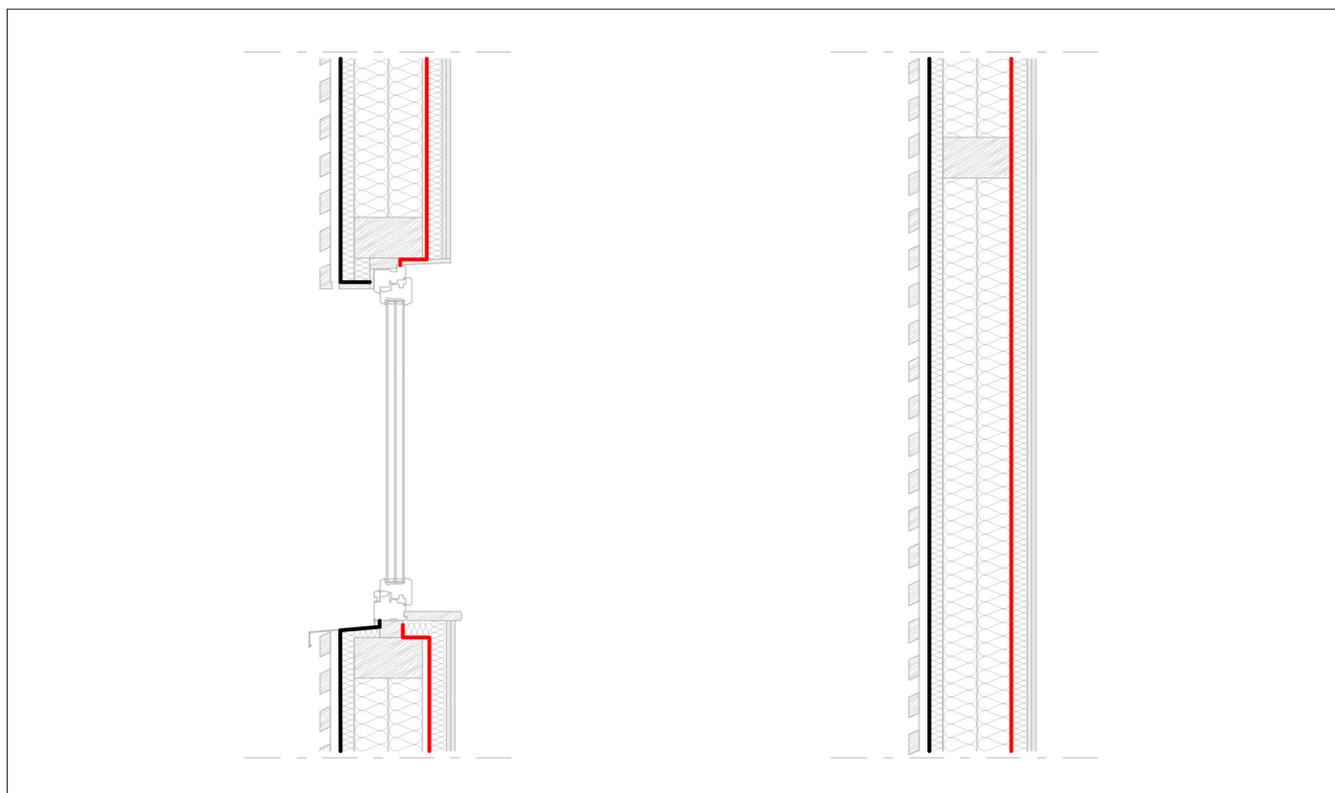
LAYING INDICATIONS

The VAPORVLIES 85 vapour check membrane is placed parallel to the platform beam for application on roofs or to the floor for application on walls. The second layer must be overlapped at least 15 centimetres over the first layer. Each layer must be fixed to the support with a mechanical fastening device (i.e. HAMMER STAPLER - HAND STAPLER - PNEU STAPLER). The transparency of the fabric allows for clear viewing of the underlying substrate on which fastening will be performed. The fabric must be applied on

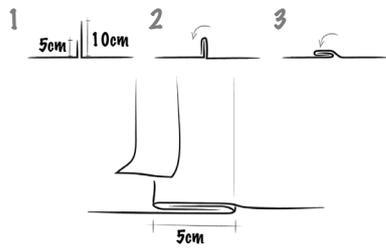
the hot side of the roof or wall. We also recommend overlapping the fabric by at least 30 centimetres in the butt joints.

For a correct air or water sealing, please use SEAL BAND, DOUBLE BAND, MEMBRANE GLUE, SUPERB GLUE, SUPRA BAND or FLEXI BAND with rough surfaces (like raw OSB).

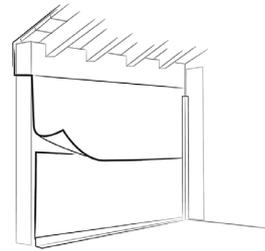
DETAIL



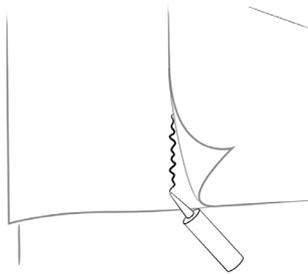
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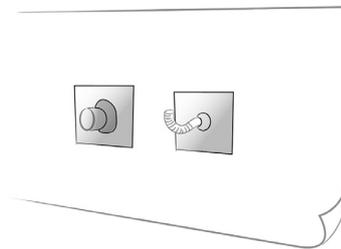
Correct formation of overlapping



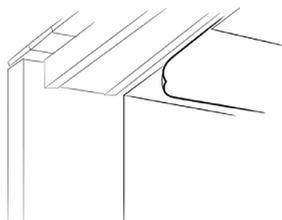
Correct jointing of wall-roof node



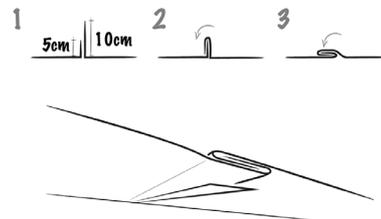
Sealing overlappings with glues for membranes



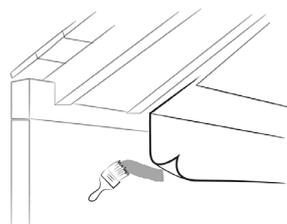
Sealing of through elements with sleeves/accessories



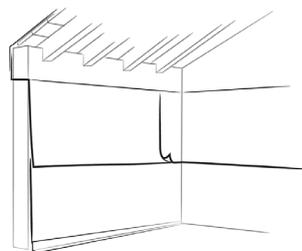
Correct jointing of wall-roof node



Sealing overlappings to sealing



Taping on masonry with primer



Horizontal overlapping not in corner