

VAPORVLIES 100



Vapour stop control layer

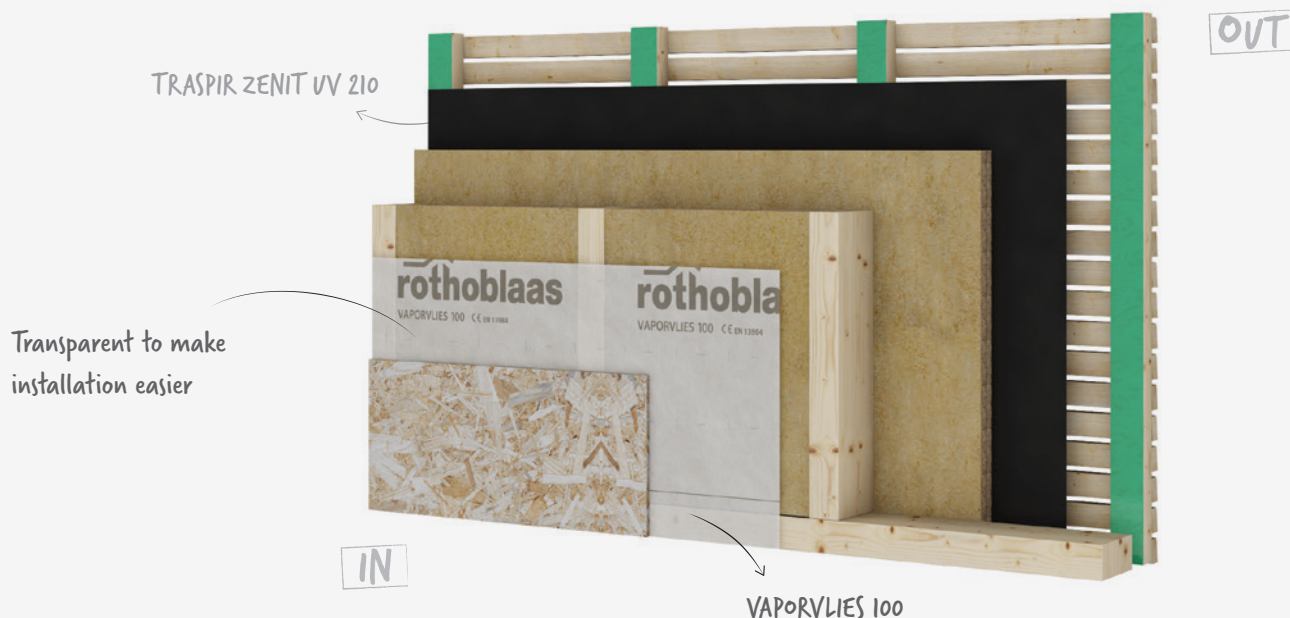
Vapour check film and polypropylene (PP) reinforcing layer

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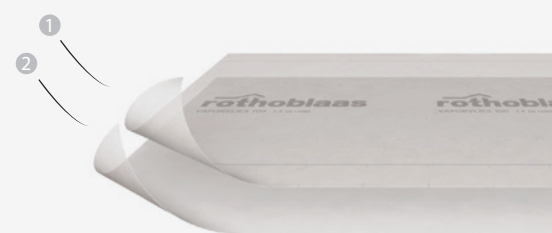
IT
UNI 11470
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TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	100 g/m ²
Thickness	EN 1849-2	0.3 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931	26 m
Maximum tensile force MD/CD	EN 12311-2	150 / 130 N/50 mm
Elongation MD/CD	EN 12311-2	50 / 50 %
Resistance to tearing MD/CD	EN 12310-2	80 / 80 N
Watertightness	EN 1928	conforming
Temperature resistance	-	-40 / +80 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• in the presence of alkalis	EN 13984	npd
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 290 kg/m ³
Water vapour resistance factor (μ)	-	approx. 86700
Joint strength	EN 12317-2	npd
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

COMPOSITION



- 1 top layer: vapour check PP film
- 2 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
VV100	D11202	VAPORVLIES 100	-	1.5 x 100	150	36

WHERE CAN IT
BE APPLIED?



VAPORVLIES 120

3,0m



Vapour stop control layer

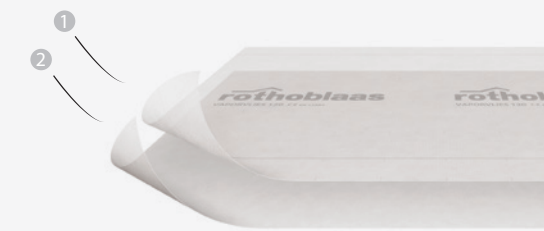
Vapour check film and polypropylene (PP) reinforcing layer



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	121 g/m ²
Thickness	EN 1849-2	0.4 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931	30 m
Maximum tensile force MD/CD	EN 12311-2	220 / 180 N/50 mm
Elongation MD/CD	EN 12311-2	47 / 68 %
Resistance to tearing MD/CD	EN 12310-2	160 / 205 N
Watertightness	EN 1928	conforming
Temperature resistance	-	-40 / +80 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	0.00 m ³ /m ² h50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• in the presence of alkalis	EN 13984	npd
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 290 kg/m ³
Water vapour resistance factor (μ)	-	approx. 75000
Joint strength	EN 12317-2	npd
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

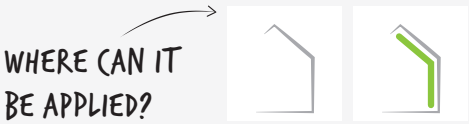
COMPOSITION



- 1 top layer: vapour check PP film
- 2 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
VV120	D11502	VAPORVLIES 120	-	1.5 x 50	75	36
VV12030	D11508	VAPORVLIES 120 3.0m	-	3.0 x 50	150	30



VAPOR 110



Vapour stop control layer

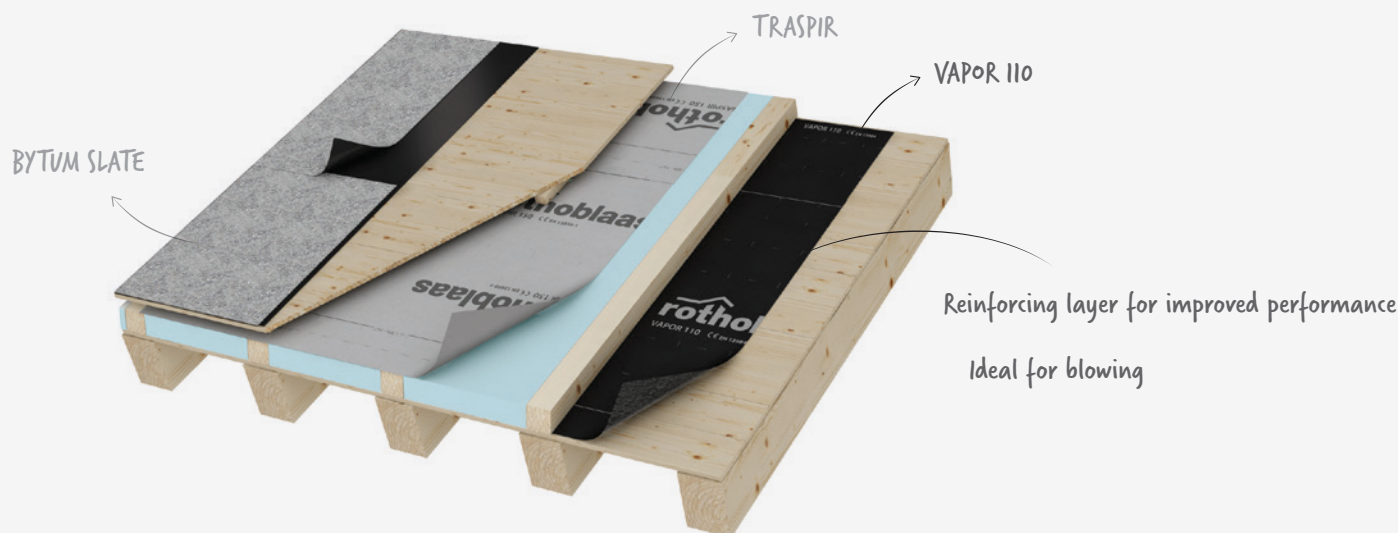
Vapour check polyethylene (PE) film with polypropylene (PP) reinforcing layer and reinforcing grid

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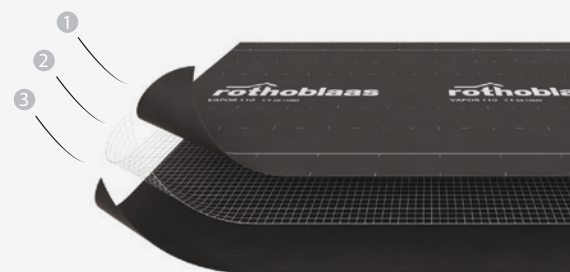


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	110 g/m ²
Thickness	EN 1849-2	0.3 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	5 m
Maximum tensile force MD/CD	EN 12311-1	200 / 250 N/50 mm
Elongation MD/CD	EN 12311-1	25 / 25 %
Resistance to tearing MD/CD	EN 12310-1	170 / 170 N
Watertightness	EN 1928	conforming
Water column	EN 20811	> 250 cm
UV resistance *	EN 13859-1	2 months
Temperature resistance	-	-40 / +80 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h 50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• in the presence of alkalis	EN 13984	npd
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 370 kg/m ³
Water vapour resistance factor (μ)	-	approx. 16700
Recommended installation pitch	-	> 13°
Joint strength	EN 12317-2	npd
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

* for more indications, see page 19

COMPOSITION



- 1 top layer: vapour check PE film
- 2 reinforcing layer: reinforcing PE grid
- 3 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
V110	D11802	VAPOR 110	-	1.5 x 50	75	36

WHERE CAN IT
BE APPLIED?



VAPOR 140

Vapour stop control layer

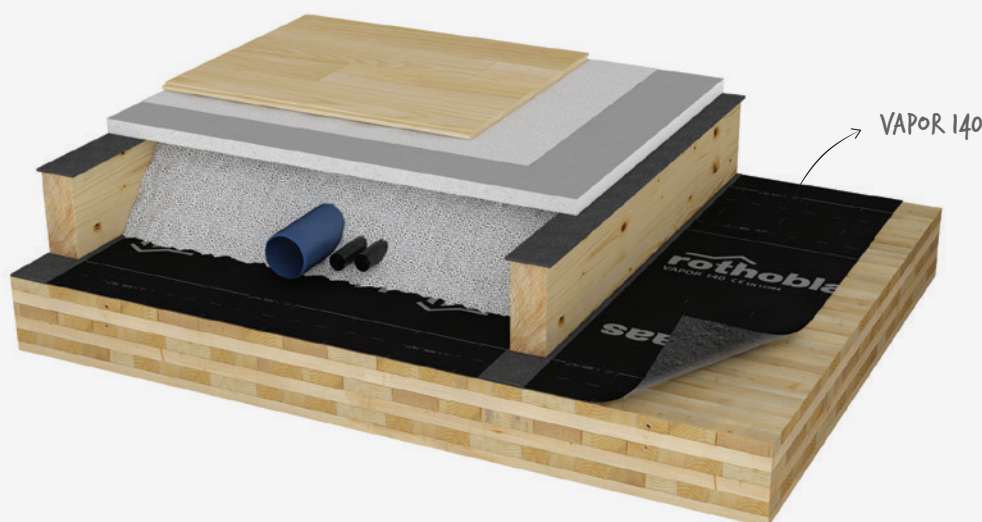
Vapour check film and polypropylene (PP) protective layers



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TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	140 g/m ²
Thickness	EN 1849-2	0.4 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	10 m
Maximum tensile force MD/CD	EN 12311-1	230 / 180 N/50 mm
Elongation MD/CD	EN 12311-1	35 / 40 %
Resistance to tearing MD/CD	EN 12310-1	125 / 145 N
Watertightness	EN 1928	conforming
Water column	EN 20811	> 250 cm
UV resistance *	EN 13859-1	2 months
Temperature resistance	-	-20 / +80 °C
Reaction to fire	EN 13501-1	class F
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa
Water vapour resistance:		
• after ageing	EN 1296	conforming
• in the presence of alkalis	EN 13984	npd
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 300 kg/m ³
Water vapour resistance factor (μ)	-	approx. 25000
Recommended installation pitch	-	> 13°
Joint strength	EN 12317-2	npd
Impact resistance	EN 12691	npd
VOC emissions	-	0 % (class A+)

* for more indications, see page 19

COMPOSITION



- 1 top layer: non-woven PP fabric
- 2 middle layer: vapour check PP film
- 3 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
V140	D13302	VAPOR 140	-	1.5 x 50	75	30

WHERE CAN IT
BE APPLIED?

