

VAPOR 180

Vapour stop control layer

Vapour check film and polypropylene (PP) protective layers with reinforcing grid



EN13984

FR
DTU 31.2
frein-
vapeur

CH
SIA 232
V.v.o.
V.v.u.

DE
ZVDH
dh.

IT
UNI 11470
B/R3



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	180 g/m ²
Thickness	EN 1849-2	0.6 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	3 m
Maximum tensile force MD/CD	EN 12311-1	350 / 290 N/50 mm
Elongation MD/CD	EN 12311-1	20 / 20 %
Resistance to tearing MD/CD	EN 12310-1	240 / 240 N
Watertightness	EN 1928	conforming
Water column	EN 20811	> 250 cm
UV resistance *	EN 13859-1	3 months
Temperature resistance	-	-20 / +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. 280 kg/m ³
Water vapour resistance factor (μ)	-	approx. 6700
Recommended installation pitch	-	> 10°
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 reinforcing layer: reinforcing PP grid
- 3 middle layer: vapour check PP film
- 4 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
V180	D14202	VAPOR 180	-	1.5 x 50	75	25
VTT180	D14204	VAPOR 180 TT	TT	1.5 x 50	75	25

WHERE CAN IT
BE APPLIED?



VAPOR 225

Vapour stop control layer

Vapour check film and polypropylene (PP) protective layers

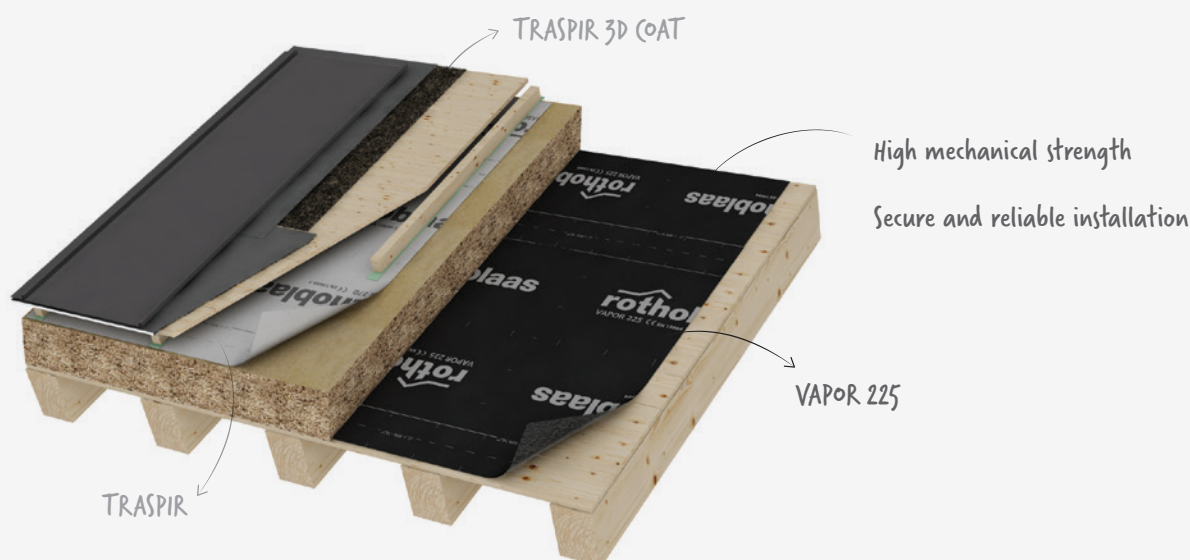


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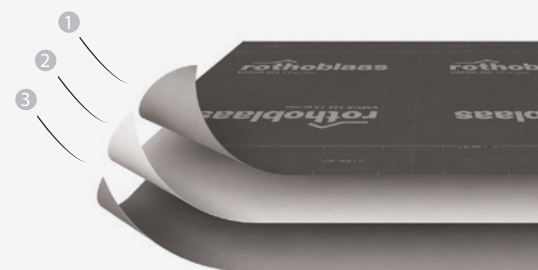


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	225 g/m ²
Thickness	EN 1849-2	0.8 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	4 m
Maximum tensile force MD/CD	EN 12311-1	380 / 300 N/50 mm
Elongation MD/CD	EN 12311-1	60 / 80 %
Resistance to tearing MD/CD	EN 12310-1	225 / 300 N
Watertightness	EN 1928	conforming
Water column	EN 20811	> 500 cm
UV resistance *	EN 13859-1	3 months
Temperature resistance	-	-20 / +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. 250 kg/m ³
Water vapour resistance factor (μ)	-	approx. 5000
Recommended installation pitch	-	> 10°
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/
V225	D14602	VAPOR 225	-	1.5 x 50	75	20
VTT225	D14604	VAPOR 225 TT	TT	1.5 x 50	75	20

WHERE CAN IT
BE APPLIED?

