

# VAPOR 225

## VAPOUR CONTROL MEMBRANE



### RELIABLE

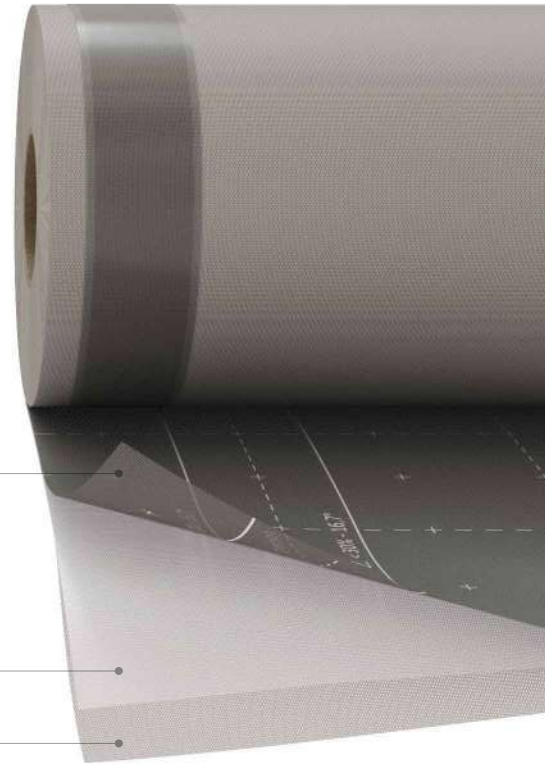
The mass per unit area of the membrane provides mechanical strength and protection during construction.

### PROTECTION

It is also suitable for applications on uneven and rough supports, which could damage lighter vapour control layers.

### COST/PERFORMANCE

Cost-effective membrane, ensuring high performance and protection against weathering.



## COMPOSITION

top layer  
non-woven PP fabric

middle layer  
vapour control PP film

bottom layer  
non-woven PP fabric

## CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m <sup>2</sup> ]	[ft]	[ft]	[ft <sup>2</sup> ]	
V225	VAPOR 225	-	1,5	50	75	5	164	807	20
VTT225	VAPOR 225 TT	TT	1,5	50	75	5	164	807	20



### SECURE SEALING

The TT version offers fast installation and professional sealing thanks to the integrated double tape.

### FLEXIBILITY

Although the membrane is very thick and resistant, its composition ensures great flexibility in processing without the risk of material wear.

## TECHNICAL DATA

Properties	standard	value	value
Mass per unit area	EN 1849-2	225 g/m <sup>2</sup>	0.74 oz/ft <sup>2</sup>
Thickness	EN 1849-2	0,8 mm	31 mil
Water vapour transmission (Sd)	EN 1931	4 m	0.874 US perm
Maximum tensile force MD/CD	EN 12311-2	> 380 / 300 N/50mm	> 43 / 34 lb/in
Elongation MD/CD	EN 12311-2	60 / 80 %	-
Resistance to nail tearing MD/CD	EN 12310-1	> 225 / 300 N	> 51 / 67 lbf
Watertightness	EN 1928	conforming	-
Temperature resistance	-	-20 / 80 °C	-4 / 176 °F
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	< 0,02 m <sup>3</sup> /(m <sup>2</sup> h50Pa)	< 0.001 cfm/ft <sup>2</sup> at 50Pa
Water vapour resistance:			
- after artificial ageing	EN 1296 / EN 1931	conforming	-
- in the presence of alkalis	EN 1847 / EN 12311-2	npd	-
Thermal conductivity (λ)	-	0,3 W/(m·K)	0.17 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 250 kg/m <sup>3</sup>	approx. 0.14 oz/in <sup>3</sup>
Water vapour resistance factor (μ)	-	approx. 5000	approx. 20 MNs/g
VOC content	-	0 %	-
UV stability <sup>(1)</sup>	EN 13859-1/2	3 months	-
Exposure to weather <sup>(1)</sup>	-	3 weeks	-
Water column	ISO 811	> 500 cm	> 197 in

<sup>(1)</sup> For the correlation between laboratory tests and actual conditions, see page 199.

## RELATED PRODUCTS



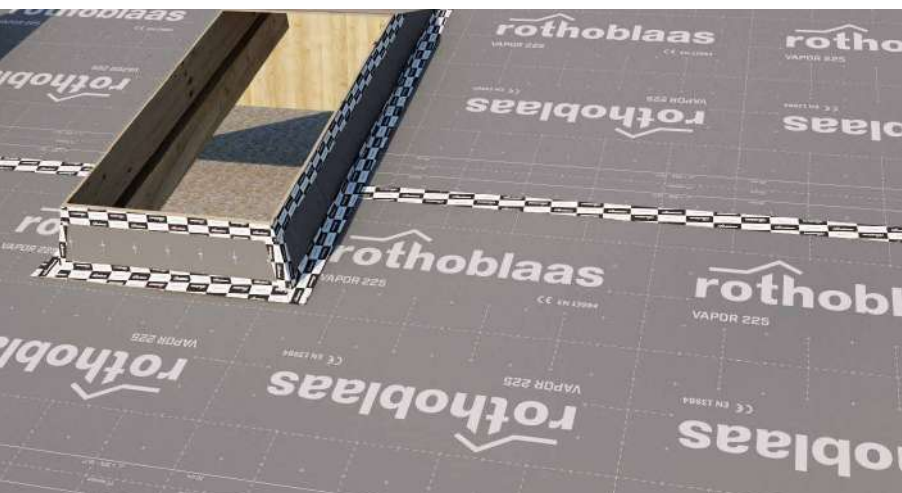
FLEXI BAND UV  
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LIZARD  
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### WEAR RESISTANCE

Thanks to its high mass per unit area, it ranks among the most massive vapour control layers on the market, providing protection for common construction phases.