

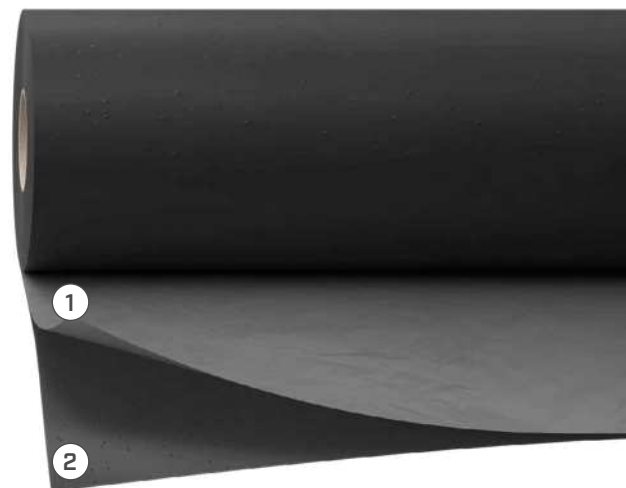
RADON FLOOR



WATERPROOF RADON GAS BARRIER FOR FOUNDATIONS

COMPOSITION

- ① top layer: low density PE film
- ② bottom layer: low density PE film



TECHNICAL DATA

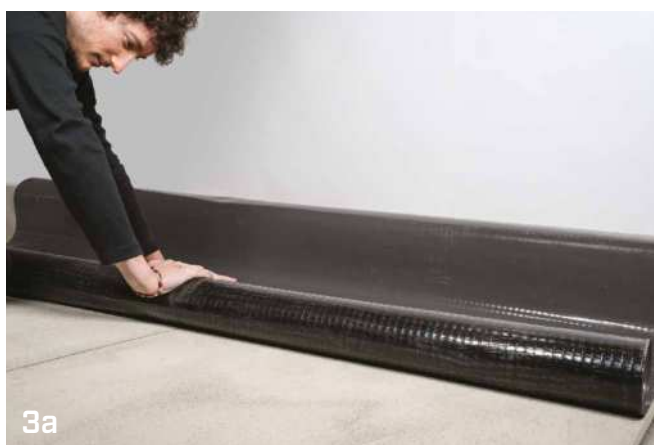
Properties	standard	value	USC units
Mass per unit area	EN 1849-2	240 g/m ²	0.79 oz/ft ²
Thickness	EN 1849-1	0,3 mm	12 mil
Water vapour transmission (Sd)	EN 1931	120 m	0.029 US Perm
Water vapour resistance factor (μ)	-	approx. 400000	approx. 600 MN·s/g
Tensile strength MD/CD	EN 12311-1	> 100/80 N/50 mm	11.4/9.1 lbf/in
Elongation MD/CD	EN 12311-1	> 350/350 %	-
Resistance to nail tearing MD/CD	EN 12310-1	> 60/60 N	> 14/14 lbf
Joint resistance MD/CD	EN 12317-2	> 135/140 N/50 mm	> 15.4/16.0 lbf/in
Impact resistance	EN 12691	< 200 mm	< 7.87 in
Resistance to static load	-	200 N	44.96 lbf
Watertightness	EN 1928	compliant	-
Durability:			
- watertightness after artificial ageing	EN 1296/EN 1928	compliant	-
- impermeability in the presence of chemical agents	EN 1847/EN 1928	compliant	-
Reaction to fire	EN 13501-1	class F	-
Resistance to temperature	-	-40/80 °C	-40/176 °F
Resistance to penetration of air	EN 12114	< 0,02 m ³ /(m ² h50Pa)	< 0.001 cfm/ft ² at 50Pa
Thermal conductivity (λ)	-	0,4 W/(m·K)	0.23 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 800 kg/m ³	approx. 0.46 oz/in ³
Radon permeability	EN ISO/IEC 17025	< 6,2x10 ⁻¹² m ² /s	-

Waste classification (2014/955/EU): 17 02 03.

CODES AND DIMENSIONS

CODE	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
RADON240	4	25	100	13	82	1076	21

RECOMMENDATIONS FOR INSTALLATION



1-2 SUPRA BAND, BUTYL BAND

3b SUPRA BAND, BUTYL BAND, OUTSIDE GLUE ROLLER

4 MARLIN, CUTTER

5 GROUND BAND