

Technical data sheet

DELTA[®]-RADONSTOP LIGHT

Single-layer membrane for protection against radon gas.

Characteristics	Method	Values / descriptions	Unit
Description			
Application	–	Installation either on concrete slab or rigid thermal insulation and directly covered by a screed or inserted between concrete slab and rigid thermal insulation. Intended use Typ A according to EN 13967.	–
Material	–	Black polyolefin with anti-slip structured surface (top and bottom)	–
Surface weight	EN 1849-2	approx. 280	g/m ²
Thickness	EN 1849-2	approx. 400	µm
Characteristics			
Watertightness	EN 1928	passed (400 kPa/72h)	–
Watertightness after artificial ageing	EN 1296 EN 1928	passed (400 kPa/72h)	–
Watertightness after exposure to alkali	EN 1847 EN 1928	passed	–
Water vapour resistance (S _d)	EN ISO 12572	approx. 95	m
Radon diffusion coefficient	–	5,8·10 ⁻¹²	m ² /s
Radon permeability	–	1,22·10 ⁻¹¹	m/s
Mechanical properties			
Tensile strength MD/CMD	EN 12311-2	approx. 250/160	N/5 cm
Elongation at maximum load MD/CMD	EN 12311-2	approx. 80/80	%
Resistance to tearing MD/CMD (nail shank)	EN 12310-1	approx. 100/100	N
Resistance to static load	EN 12730 (A)	No perforation at 20 kg for 24h	–
Resistance to impact	EN 12691 (A)	150	mm
Dimensional stability	EN 1107-2	< 0,5	%
Foldability at low temperature	EN 495-5	up to -40	°C
Miscellaneous characteristics			
Reaction to fire	EN 13501-1	Class E	–
Dimension	–	25 x 4.00 (folded at 2.00 m)	m
Weight per roll	–	approx. 28	kg
Palletising	–	25	Roll / pallet
CE-conformity	–	EN 13967	–
Accessories	–	Tapes DELTA [®] -THENE BAND T150 or DELTA [®] -MULTI BAND M100 (overlappings), DELTA [®] -THENE CORNER (prefabricated sealing corner), DELTA [®] -THAN or DELTA [®] -TILAXX ULTRA (cartridge adhesive), DELTA [®] -FLEXX BAND FG80 (sealing for electrical boxes or cables), DELTA [®] -FLEXX BAND FG150 (sealing around pipe penetration), DELTA [®] -PROTEKT / DPC (damp proof course)	–

The content of this data sheet describes the current state of knowledge at the time of publication and make no claim to be complete.

The information listed does not release from self-dependent behaviour.

With publication of this sheet all previous versions are not valid any longer.

Errors and typing errors reserved.

