Data Sheet

RadonTec AlphaBlock 3 radon protection foil

AlphaBlock 3 is a tear-resistant, drill-resistant and hard-wearing radon protection film that can be used both in new buildings and in the interior renovation of existing buildings.
As a rule, it is to be laid with a protective fleece and hot air welded.

Technical details

tested according to	DIN EN 13967 Plastic membrane for waterproofing buildings against rising ground moisture DIN EN 13984 vapor barrier membrane product type A	
Radon tightness test	tested by radon expert Dr. Joachim Kemski, Bonn, Germany	
Approvals	P-5301/982/11-MPA BS CE 01761-CPD-0167	
Fire behavior	DIN EN ISO 11925-2 EN 13501-1	Class E
Water tightness	EN 1982 A+B	passed
Water vapor permeability	EN 1931	sD >1.500m
Resistance to impact load	EN 12691	Method A: < 100 mm
Shear resistance of the joint	EN 12317-2	>150 N / 50 mm
Tensile - elongation behavior	EN 12311-2	max. tensile force: longitudinal: > 180N/50mm transverse: > 150 N/50mm elongation: longitudinal > 13 % transverse > 8%
Resistance to static load	EN 12730	passed

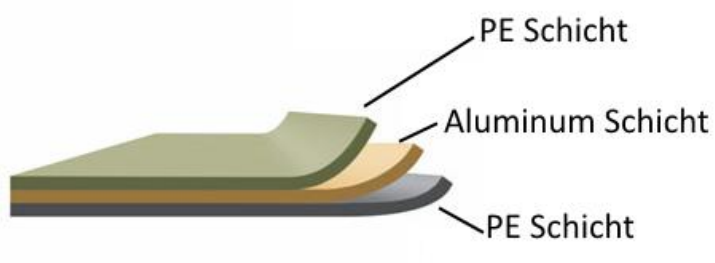
RadonTec GmbH
Hauptstraße 5
89426 Wittislingen
Germany

Tel: (+49) 9076 - 919 98 35
E-Mail: info@radontec.de
Website: radontec.de
Shop: radonshop.com

Ust.ID: DE310274795
Finanzamt Dillingen a. d. Donau

Tear resistance (nail shank)	EN 12310-1	longitudinal > 50N transverse > 50N
Durability against aging	EN 1296 EN 1931	passed
Durability to chemicals	EN 1847 EN 1928	passed
Compatibility with bitumen	EN 1548 EN 1928	passed
Visible defects	EN 1850-2	No visible defects
Straightness	EN 1849-2	passed
Material	Polyester	
Length	EN 1848-2	50 m +/- 2 %
Width	EN 1848-2	1 m +/- 2 %
Total thickness	EN 1849-2	0,17 mm +/- 0,05 mm
Weight	200 g/m² or 15 kg/roll	
Color	greenish	
Delivery form	1 roll: 50 linear meters, 50 m² 1 pallet: 32 rolls (1.600m²)	

Structure of the AlphaBlock 3 radon foil



1. PE - foil thickness: approx. 70 µm (lamination - PE surface weight 23 g/m²)
2. aluminum foil thickness: approx. 30 µm
3. PE - foil thickness: approx. 70 µm (lamination - PE basis weight 23 g/m²)