

Protech Radon 400

GAS PROTECTION

DESCRIPTION

Protech Radon 400 is a proprietary reinforced radon barrier. It can be jointed with use of our Protech tapes or heat welded. Protech Radon 400 also acts as a damp proof membrane, therefore there is no need to install a separate DPM.

FEATURES & BENEFITS

- Flexible
- BBA Certificate no. 11/4868
- Wide temperature range

APPLICATIONS

Protech Radon 400 is a flexible construction membrane with barrier properties against radon.



TYPICAL PROPERTIES

Description	Test Method	Result
	BS EN 13967:2012	
Roll size	-	2m x 50m
Thickness	EN 1849-2	0.43mm
Weight	EN 1849-2	400g/m ²
Sd value	EN 1931	290m
Resistance to static loading	EN 12730 method B	20kg
Water tightness		W1
Against heat ageing (EN 1296)	EN 1928:2000, Method A (2kPa Pressure)	W1
Against chemicals (EN 1847)		W1
Tearing strength	EN 12310-1, mod with EN 13859-1:2010 Annex B	MD 320N CD 330N
Tensile strength		MD 385 N/50mm CD 295 N/50mm
Elongation	EN 12311-1, mod with EN 13859-1:2010 Annex A	MD 20% CD 17%
Foldability at low temperature	EN 495-5	Pass (-45°C)
Radon transmittance	SP method	1.4.10 ⁻⁸ m/s
Radon permeability	SP method	6.0.10 ⁻¹² m ² /s

