

Protech Radon 400

GAS PROTECTION

DESCRIPTION

Protech Radon 400 is a high performance proprietary reinforced radon barrier. Due to its unique composition, the membrane is extremely robust and flexible and, therefore, easy to install on site. It can be jointed with use of our Protech tapes or heat welded. Protech Radon 400 also acts as a high performance damp proof membrane, therefore there is no need to install a separate DPM.

FEATURES & BENEFITS

- Robust and flexible
- BBA Certified
- Easy to install
- Wide temperature range



APPLICATIONS

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

TYPICAL PROPERTIES

| Description | Test Method | Result |
|--------------------------------|--|---|
| 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 | EN 12311-1, mod with EN 13859-1:2010 Annex A | MD 385 N/50mm CD 295 N/50mm |
| Elongation | | 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 |

