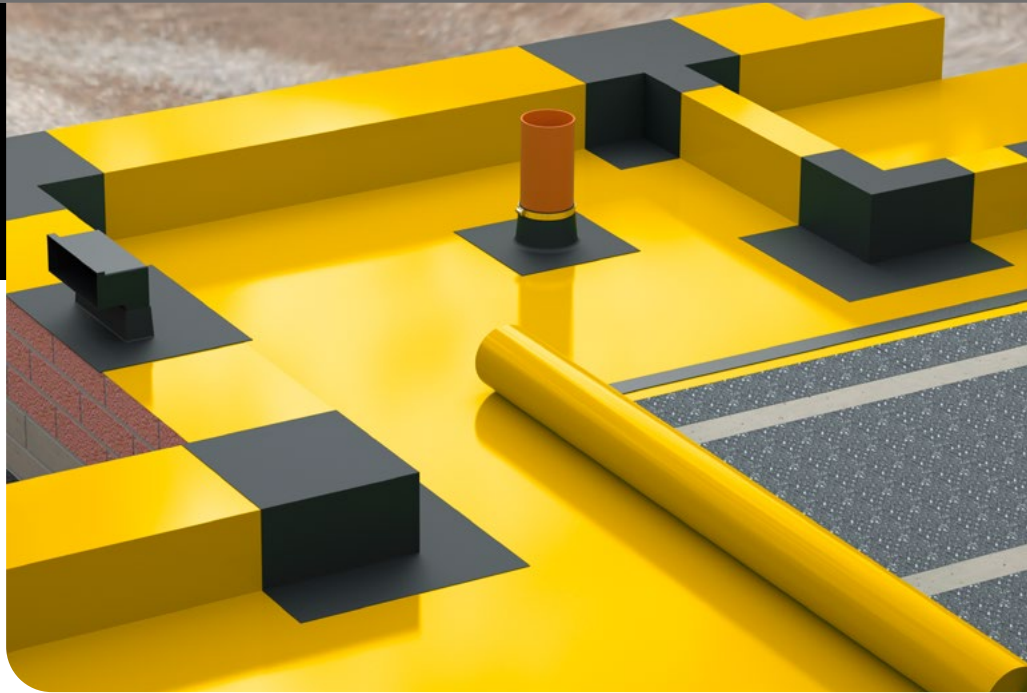
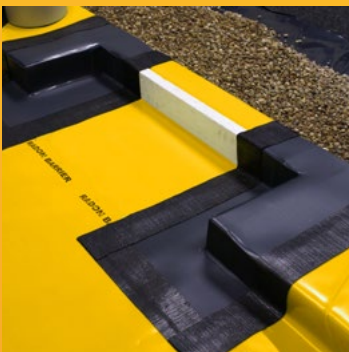
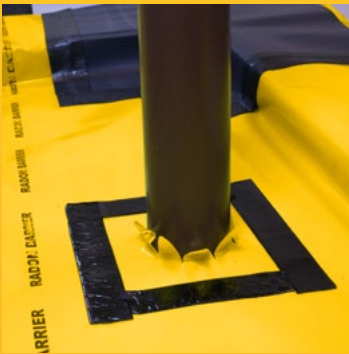


WYKAMOL RADON BARRIER

Loose laid Radon barrier which prevents the passage of radon through the structure.



Wykamol Radon Barrier is a loose laid Radon Barrier to be used in new builds or refurbishments.

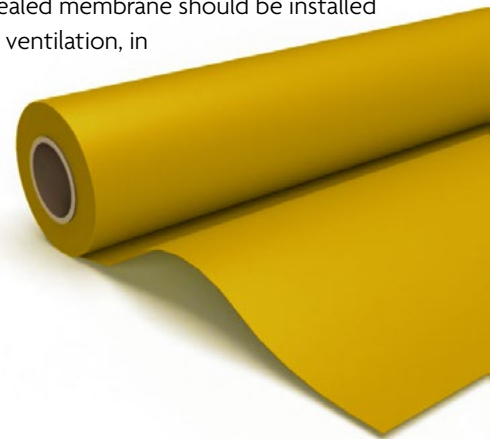
When installed within the building fabric **Wykamol Radon Barrier** prevents Radon from passing through the structure and entering your building. **Wykamol Radon Barrier** is manufactured from virgin polymers to protect from Radon and can also be used as a DPM.

USES

- For areas requiring 'Basic Radon Protection' the fully sealed membrane is required.
- For areas requiring 'Full Radon Protection', the sealed membrane should be installed in conjunction with a Radon Sump Chamber, or ventilation, in accordance with BRE211 (2023).

PHYSICAL PROPERTIES

- Supplied center folded to ensure maximum coverage per roll
- Dimensions: 4m x 20m (80m²)
- Thickness: 400 microns
- Product Colour: Yellow



TYPICAL USES

Domestic and commercial buildings where a Radon DPM is required, on top of suspended floor, or beneath or on top of ground bearing slabs

TECHNICAL DATASHEET

INSTALLATION

Prior to installation, ensure substrate is smooth and free of sharps that could puncture the membrane. Joints are sealed with **Wykamol Gas Tape**, 50mm x 10M rolls.

Pipe penetrations, internal/external corners details, and door thresholds can be reinforced and sealed using **Sureproof Ultra** or **GR Foil** where required.

Alternatively, Preformed Top Hats can be used as demonstrated in the images to the right.

Wykamol Radon Barrier is a loose laid membrane. It should not be used for Waterproofing below ground structures subject to Hydrostatic Pressure. For below ground basements, subject to hydrostatic pressure, please refer to **Wykamol Quadproof Ultra**.

Wykamol Radon Barrier can also be used as a DPM.

LIMITATIONS

- Product must not be used for waterproofing below ground structures.
- Must not be used where hydrostatic pressure is present on-site

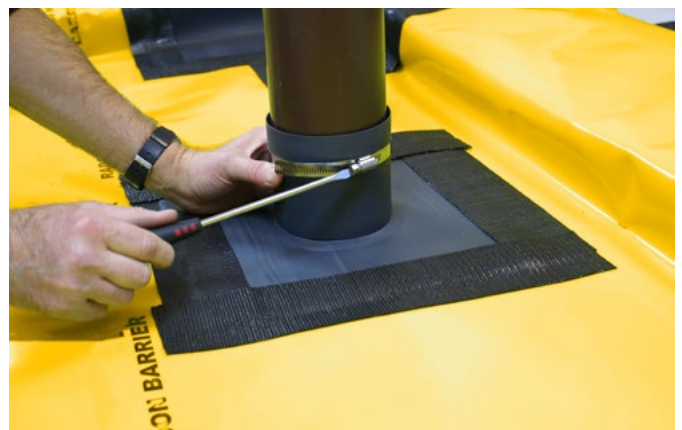
Please refer to **Quadproof Ultra** PDS where combined waterproofing and gas protection is required.

ANCILLARY PRODUCTS

- **Wykamol Sureproof Ultra or GR Foil** - Self Adhesive Membrane for sealing internal/external corner details, pipe penetrations and site specific detailing.
- **Wykamol Preformed Top Hats** - for sealing Pipe Penetrations.
- **Wykamol Gas Tape** - to be used for sealing joints within the membrane.

TECHNICAL DATA

Conforms to BRE211 (2023) – 6.2.1 Barriers, NHBC Technical Guidance and is CE marked to harmonized standard EN 13967:2012+A1:2017.



TECHNICAL DATASHEET

Material Properties			Test Method	Value	
Thickness		Membrane	DIN EN 1849-2	0.4mm	
Material					
Colours			Membrane	Green Tint	
Width			DIN EN 1848-2	4m	
Length			DIN EN 1848-2	20m	
Area/Roll			4m x 20m	80m ²	
Mass (combined)			DIN EN 1849-2/ISO 9864	375g.m ²	
Roll Weight				30kg	
Reaction to Fire			EN 13501-1	F	
Water tightness @ 2kPa			DIN EN 1928	Watertight	
Resistance to impact			DIN EN - 350mm drop	Watertight	
Resistance to static loading			DIN EN 12730	20kg (Pass)	
Durability against thermal ageing			DIN EN 1928	Watertight	
Durability against chemicals			DIN EN 1847/DIN EN 1928	Watertight	
Tensile strength	MD	CMD	DIN EN 12311-2/DIN EN ISO 291-23/50-2	21.5MPa	29.4MPa
Elongation	MD	CMD	DIN EN 12311-2/DIN EN ISO 291-23/50-2	>800%	>800%
Tear resistance - nail shank	MD	CMD	DIN EN 12311-2/DIN EN ISO 291-23/50-2	248N	303N
Shear resistance of tapped joints seam - 50mm double sided/75mm reinforced single sided			DIN EN 12317-2	288 N/50mm	166 N/50mm
Water Vapour permeability			DIN EN 1931 - Method B	0.16g/m ² /day	
Radon permeability			SP Method 3873	4-10 ⁻¹² m ² /s	

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