

POWERBASE[®] GAS BARRIER MEMBRANES

PRODUCT DATA

Revision 5.6

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Powerbase[®] Radon is an extruded barrier material that provides effective protection against radon gas.

Powerbase[®] Low Perm is an extruded barrier membrane for radon protection and for low levels of methane and CO₂ where basic protection measures are required.

Powerbase[®] Multigas Barrier is multilayer reinforced LDPE gas barrier membranes for radon, methane and CO₂. It incorporate an aluminium layer that is protected by a separate coating.

Powerbase[®] Multigas Tank is a self-adhesive tanking and waterproofing membrane.

PRODUCT	Colour	Weight / Thickness EN 1849-2	Tensile strength EN 12311-1/2	Nail tear resistance EN 12310-1 Newtons	Elongation EN 12311-2 %	Accreditation	NHBC gas proction measures	Gas permeability	Temperature range °C	Water vapour resistance	Sizes metres	Roll weight kg	Pallet quantity rolls
GAS BARRIER MEMBRANES													
Powerbase RADON	Red	>0.28 mm 300 µm	MD >9.9 N/mm ² XD >9.9 N/mm ²	MD 235 XD 230	MD >500 XD >500	BBA Cert. 17/5414	★ Green ★ Amber 1	Radon: 7.2x10 ⁻¹² m ² /s	-40 to +70	Pass EN 1928	4 x 25	24	40
Powerbase LOW PERM	Yellow	500 µm	MD >16.5 N/mm ² XD >16.5 N/mm ²	MD 360 XD 375	MD >500 XD >500	BBA Cert. 17/5414	★ Green ★ Amber 1	Radon: 7.2x10 ⁻¹² m ² /s Methane: 216 ml/m ² /day CO ₂ : 952 ml/m ² /day EN ISO 15105-1	-40 to +70	Pass EN 1928	4 x 12.5	23	40
Powerbase MULTIGAS 300	Silver/Green	270 gsm	MD 290 N/mm XD 300 N/mm	MD 260 XD 265	MD 19 XD 20	NA	★ Green ★ Amber 1 & 2	Methane: 0.041 ml/day/m ² /ATM CO ₂ : 0.195 ml/day/m ² /ATM EN ISO 15105-1 & ASTM D1434 Complies to BS8485:2015	-40 to +70	0.01gsm/day EN 1931 EN 12572(c)	2.0 x 50 1.6 x 50	28 23	25 25
Powerbase MULTIGAS SA	Silver/Black	0.75 mm 750 µm	MD 800 N/mm XD 800 N/mm	NT	MD 5 XD 5	NA	★ Green ★ Amber 1 & 2	BRE Report 414 EN ISO 15015-1 Complies to BS8485:2015	-20 to +70	Pass EN 1928	1.08 x 30	30.5	23

Installation:

Join on site with hot-air or hot-wedge welding, or with Powerbond Butyl Tape. See separate installation instructions for full details.

Other Powerbase products:

Damp Proof Membranes • Hydrocarbon and Chemical Resistant Barriers

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