

POWERBASE[®] GAS BARRIER MEMBRANES

PRODUCT DATA

Revision 6.13

itpltd.com

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 Barriers are multilayer reinforced LDPE gas barrier membranes for radon, methane and CO₂. They incorporate an aluminium layer that is protected by a separate coating.

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

PRODUCT	Colour	Overall Thickness / Weight EN 1849-2	Tensile strength EN 12311-1/2	Nail tear resistance EN 12310-1 Newtons	Elongation EN 12311-2 %	Accreditation / Compliance	Gas permeability	Temperature range °C	Water vapour resistance	Sizes metres	Roll weight kg	Pallet quantity rolls
GAS BARRIER MEMBRANES												
Powerbase RADON	Yellow	0.4mm/400 µm	MD/XD 180N	NT	NT		Radon: $1.5 \times 10^{-11} \text{m}^2/\text{s}$	-40 to +70	Pass EN 1928	4 x 20	31	30
Powerbase LOW PERM	Yellow	0.5 mm 500 µm	MD/XD 16.5 N/mm ²	MD/XD 360	MD/XD 500	BBA Cert. 20/5837	Radon: $7.2 \times 10^{-12} \text{m}^2/\text{s}$ 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	24	40
Powerbase MULTIGAS 300	Silver/ Green	0.4 mm 270 gsm	MD 290 N/5cm XD 300 N/5cm	MD 260 XD 265	MD 19 XD 20	BS8485:2015	Methane: 0.041 ml/day/m ² /ATM CO ₂ : 0.195 ml/day/m ² /ATM EN ISO 15105-1 & ASTM D1434 Radon: $< 7.2 \times 10^{-12} \text{m}^2/\text{s}$	-40 to +70	0.01gsm/day EN 1931 EN 12572(c)	1.6 x 50 2.0 x 50	28	33
Powerbase MULTIGAS SA	Silver/ Black	0.75 mm 750 gsm	MD 800 N/5cm XD 800 N/5cm	NT	MD 5 XD 5	BS8485:2015	BRE Report 414 EN ISO 15015-1	-20 to +70	Pass EN 1928	1.08 x 30	30.5	23
Powerbase MULTIGAS 500	Silver/ Green	0.5 mm 370 gsm	MD 370 N/5cm XD 347 N/5cm	MD 295 XD 341	MD 22 XD 16	BS8485:2015+ A1:2019 BBA Cert 21/5895	Methane: 0.041 ml/day/m ² /ATM CO ₂ : 0.195 ml/day/m ² /ATM EN ISO 15105-1 & ASTM D1434 Radon: $7.2 \times 10^{-12} \text{m}^2/\text{s}$	-40 to +70	0.01gsm/day EN 1931 EN 12572(c)	2.0 x 50	38	33

CS Classification: Please call our Technical Team for guidance.

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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Industrial Textiles & Plastics Ltd
Stillington Road, Easingwold, York YO61 3FA
United Kingdom

Telephone: +44 (0)1347 825200
Email: technical@itpltd.com
Website: www.itpltd.com



POWERBASE[®] VAPOUR, GAS AND HYDROCARBON BARRIER MEMBRANES

DISCLAIMER

Revision 5.1

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