

POWERBASE REINFORCED GAS BARRIERS FOR PROTECTION AGAINST METHANE, CO₂ AND RADON

Powerbase Gas Barriers are cast extrusion-coated polyolefin polymers reinforced with woven yarns to provide tough tear resistant barrier materials for improved durability and performance.

Powerbase membranes can be supplied in rolls or pre-fabricated in panels for easier installation.

Optimum gas-tight seams are achieved using Powerbond joining tapes and thermal welding the seams.

Product	National Building Specifications	Colour	Weight	Tensile Strength	Tear Resistance	Elongation	Accreditation	UV Stability Exposure	Temperature Range	Gas Permeability	Water Vapour Resistance	Installation	Sizes	Roll weight	Pallet quantity
	NBS		EN 965 gsm	PR EN 13859-1/2 N/50mm	DIN 53363 Newtons	PR EN 13859-1/2 %		years	°C		gm ² 24hr ⁻¹	Thermal welding method	metres	kg	rolls
Powerbase MB 420 Methane & CO ₂ Gas Barrier	F30 360 J40 140 145 & 146 P30 525 530	White	420 EN ISO 2286/2	500 DIN 53354		Warp 23 Weft 18 DIN 53354	BRE No 095/02 UK & Ireland	NA	-40 to +70	Methane < 0.00043 x 10 ⁻¹⁵ m ² / sec / Pa	NT	Hot Air	1.6 x 50	35	23
Powerbase RB 340 Radon Gas Barrier	F30 360 J40 140 145 & 146 P30 525 530	Beige (others on request)	340	Warp 650 Weft 500		Warp 20 Weft 8	BRE No 100/02 UK & Ireland	NA	-40 to +70	As per BRE 100/02	NT	Hot Air	4.0 x 25	34.5	20
Powerbond Bituthene	for MB 420	Black	NA	T 4.2 N/mm L 3.9 N/mm EN 12113B	T 102 N L 104 N EN 12310B	T 8 L 6 EN 12310		NA	apply between +4 and +35	0.09 ml / m ² / day	0.01 E96		1.5 x 150mm x 20m	5.8	3 / ctn
Powerbond Butyl	for RB 340	Black						NA	apply between +4 and +35	NT	0.24		1.5 x 30mm x 24m	2.2	12 / ctn

Other Product information: Powerlon Membranes for Profiled Metal Roofs, Powerlon Membranes for Timber Frame Constructions, Powerlon Membranes for Profiled Metal Roofs, Powerlon Pitched Roof Underlays, Powerbase Geomembrane liners, Powerclad Scaffold Sheeting

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CERT No.2318/00