

PAG SAGR

Technical Data Sheet

Features

PAG SAGR is a sheet membrane constructed from an Aluminium Polythene laminate coated with a layer of Self Adhesive Polymer modified Bitumen.

Durability

PAG SAGR is manufactured to last the lifetime of the construction provided it is correctly installed and not damaged by subsequent building operations. To be stored out of direct sunlight and away from any heat source.

Application

PAG SAGR is to be installed in conjunction with a suitable and compatible sheet gas membrane product, such as **Monarflex® RAC**, which can either be laid over or under the concrete slab. When laid below slab **Monarflex® RAC** should be placed on top of a gas permeable layer, such as hardcore blinded with well compacted sand. When placed above slab, the concrete should be dense, smooth and free from any projections which may damage the membrane. **Monarflex® RAC** should then be covered with a screed or other suitable protective layer. Membranes should be installed in accordance with the manufacturer's guidelines. **PAG SAGR** should also be used around any penetration or corner detail to effectively provide a complete gas membrane seal over the whole area.

ITEM	UNIT		TEST METHOD
Backing Thickness	mm	0.125	
Adhesive Thickness	mm	1.40	
Width	mm	300	
Length	m	20	
Area	m ²	0.6	
Weight	kg/m ²	1.6	
Membrane Strength	N/mm	3.0	ASTM D1000
Elongation	%	40	ASTM D1000
Puncture Resistance	N	250	ASTM E154
Adhesion (180° Peel)	N/mm	2.0	ASTM D1000
Water Vapour Transmission	g/m ² /24h	< 0.1	ASTM E96
Methane Gas Permeability	ml/m ² /24h	< 0.03	Wimpey Environmental Est. Method
Radon Diffusion Coefficient	m ² /s	5.0 x 10 ⁻¹⁴	NRPB
Dimensional Stability			
Longitudinal	%	0.0	MOAT 27 5.1.6 (80°C)
Lateral	%	0.0	MOAT 27 5.1.6 (80°C)
Roll Sizes		0.3m wide x 20m long	

Health and Safety

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Health and safety data sheets are available, please go to gasmembranesolutions.com.au for more information.

