

DESCRIPTION

Rainshield range of Hi-performance membranes are manufactured with selected bitumen, APP and other polymers. The unique nature of this closely guarded technology involving processing at low temperatures affords protection to the polymers in the blend with the result the product is tough yet flexible. The blend of APP and other polymers imparts high chemical resistance and retards the process of aging associated with Ozone attack and UV exposure while at the same time retaining all the mechanical properties.

ADVANTAGES

- Cold or hot applied and easy to install
- Excellent performance in vertical and horizontal surfaces
- Excellent tear and puncture resistance
- Excellent resistance to chlorides, sulphates, alkalis and acids
- Water and vapour proof

USES

Rainshield waterproofing membranes can be used for inverted type of roof and as damp proof course below plain cement concrete, foundation protection, bridges, basements, swimming pools, tanks, reservoirs, water barrier in murrabba slabs, below roof tiles and separation layer for agriculture fields, gardens, green houses etc.

APPLICATION

Surface must be clean and dry. It is recommended that Rainshield roofing membranes should be used in conjunction with cold applied adhesive – ROOFBOND plastic roof cement or hot applied bitumen.

STORAGE & PACKING

Rainshield membranes should be stored horizontally and stacked not more than 5 rolls high. Each roll is individually packed in polyethylene sleeves showing the product name and sizes.

CHARACTERISTICS

DETAILS	TEST METHOD	UNIT	TYPICAL VALUES	
			RS 115	RS 111
Thickness		mm	1.0	1.0
Weight		Kg/M	1.3	1.3
Length		M	15.0	20.0
Width		M	1.0	1.0
HD Polyethylene reinforcement		Microns	15	15
HD Polyethylene upper surface		Microns	15	15
HD Polyethylene lower surface		Microns	15	15
Tensile strength – Longitudinal	ASTM D146	N	120N/5cm	120N/5cm
Tensile strength – Transverse			140N/5cm	140N/5cm
Elongation – both directions	ASTM D 146	%	> 300%	> 300%
Softening Point – compound	ASTMD 36	°C	> 120°C	> 120°C
Penetration @ 25°C – compound	ASTMD 5	dmm	36	36
Pliability @ °C	BS 3900	°C	0	0
Heat resistance @ 100°C	DIN52123		No flow	No flow