5814X TYVEK® AIRGUARD®

BOOST INSULATION PERFORMANCE BY UP TO 20%, WITH UP TO 15% SAVINGS IN HOME ENERGY COSTS. AIRGUARD® BLOCKS 85% OF RADIANT HEAT IN THE SUMMER KEEPING THE BUILDING COOL INSIDE AND HELPS TO ACHIEVE THE AIR TIGHTNESS REQUIREMENTS.

INSTALLATION GUIDELINES

Install AirGuard® onto the internal side of a roof or wall system with the reflective foil side facing into the room. The membrane may be laid either horizontally or vertically to suit.

Create a 25mm services void with timber battens to avoid penetrations through the membrane by electrical sockets, light fittings etc. and in so doing maximise the reflective benefits of the membrane. Penetrations for pipe work, wiring and ducting should be kept to a minimum and any that are made should be sealed with Tyvek® Butyl Tape or Tyvek® Metallised Tape.

PROPERTY	UNIT	5814X	TEST METHOD
Unit weight	g/m2	149	EN 1849-2
Membrane thickness	mm	0,43	EN 1849-2
Fire classification	class	E*	EN ISO 11925-2
Water tightness	pass /no pass	pass	EN1928(method A)
Water vapour transmission (S_d)	m	>200	EN 1931
Maximum tensile force (MD)	N/50mm	547/184	EN12311-1
Elongation at max tensile force (MD)	%	25	EN12311-1
Elongation at max tensile force (XD)	%	22	EN12311-1
Temperature resistance	^{0} C	-40 TO +80	na
Resistance to tearing MD (nail shank)	N	230	EN 12310-1
Resistance to tearing XD (nail shank)	N	250	EN 12310-1
Effective R-value of air cavity - horizontal flow	m^2K/W	0,66	EN 6946
Effective R-value of air cavity - vertical flow	m^2K/W	0,45	EN 6946
Roll Dimensions width	m	1,5	
Roll Dimensions, per roll	m	50	
Weight per roll	kg	12	