

META-208

Double-sided aluminium film reinforced with polyester yarn

META-208 is a six (6) layer economical radiant barrier laminated with double-sided aluminium film for higher tensile strength and good tear resistance. It is an environmental friendly green product recognised through Green Building Index (GBI) by MGBC.

META-208's substrates of double-sided aluminium film and high quality kraft paper reinforced with polyester yarn. Aluminium film is added for vapor, tear and puncture resistance. The polyester yarn and high quality kraft paper further enhance its tensile strength.

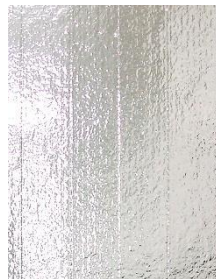
META-208 provides excellent water vapour resistance and easy handling. It is either used on its own or laminated onto other insulation materials.

APPLICATIONS

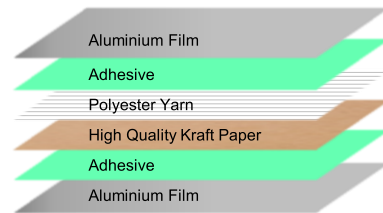
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Can be used simultaneously with mineral wool or other insulation materials.



FRONT



BACK



SPECIFICATION		STANDARD	UNIT	RANGE
Grammage		Electronic scale	GSM	120 - 130
Thickness		Digital caliper	micron	180 - 210
Water Vapor Transmission		ASTM E96	g/m ² /day	3.24
Water Barrier		ASTM F 1249-06	g/m ² /day	-
Reflectivity / Emissivity		Supplier's Specification	%	95% / 5%
Tensile Strength	Machine direction	ASTM D882 - 02	N/25mm	190 - 230
	Cross direction	ASTM D882 - 02	N/25mm	150 - 200
Elongation	Machine direction	ASTM D882 - 02	%	13 - 16
	Cross direction	ASTM D882 - 02	%	17 - 20
Tear Strength	Machine direction	ASTM D1004	N	41 - 46
	Cross direction	ASTM D1004	N	34 - 39
Puncture Resistance		ASTM F 1306 - 90	N	55 - 60
Classification of Fire Hazard		BS 476	Class	-

* Technical information provided represents average result of tests conducted under standard procedure and is subject to variation.
 * No guarantee can be made regarding specific applications or patent rights.

Revision 1



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