

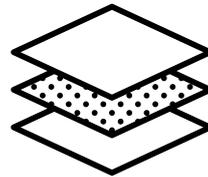
ECOSHIELD® 950 PLIABLE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

ECOSHIELD® Pliable foil is a high performance fire retardant reflective foil.

It is strongly bonded with aluminium foil on both surfaces and reinforced with high performance glass cloth. It provides high tensile strength and serviceability.



Aluminium foil

Fire Retardant Adhesive + Glass Cloth

Aluminium foil

APPLICATION

ECOSHIELD® 950 Pliable foil is primarily designed for internal applications where additional pliability is required to match the gentle curvature of the application surface, although it may still be used as a Glasswool or Stonewool facing for thermal applications.

It has a high vapour barrier classification with a tough construction and is ideal internal and external applications such as wrapping SPI or use around circular and square HVAC ducts.

Consideration should be given to exposed or aesthetic applications as the pliable nature of the facing may reflect or enhance creases or gird lines for safety mesh.

Perforated ECOSHIELD® 950 Pliable foil also be used as an effective facing for internal lagging of HVAC Duct works, plant rooms, commercial studios, factories and sports stadium for better acoustic purpose.

PRODUCT RANGE

WIDTH	LENGTH	M2 PER ROLL
1000MM	60m	60
	300m	300
	500m	500
	1000m	1000
1200MM	60m	72
	300m	360
	500m	600
	1000m	1200
1350MM	300m	405
	500m	675
	1000m	1350

BENEFITS & FEATURES



Fire resistance



High reflective / low emissivity



Vapour Barrier



Pliable



Water resistance

INSTALLATION

- ECOSHIELD® 950 Pliable foil should be installed in accordance with AS/NZS 4200.2 installation requirement, and following installation and limitation details.
- To maintain the water barrier properties of the material it should not be creased, crushed, or dragged over the building structure during installation.

CLASSIFICATION

CRITERIA (MEET REQUIREMENTS OF AS/NZS 4200.1)	RESULT		
Tensile Strength (AS/NZS 1301.448s)	Machine Lateral	≥13 ≥10.5	EXTRA HEAVY
Edge Tear Resistance (TAPPI T4710)	Machine Lateral	≥50 ≥50	LIGHT
Water Control Classification (AS/NZS 4201.4)	Water Barrier		
Vapour Control Classification (ASTM E96)	Class 2		
Emittance Classification (AS/NZS 4201.5)	Silver face Silver back	0.04 0.04	REFLECCTIVE
Flammability Index (AS1503.2)	≤5 Low		
Early Fire Hazard Indices (AS1503.3)	Ignitability Index	0	
	Spread of Flame Index	0	
	Heat Evolved Index	0	
	Smoke Developed Index	0-1	
Electrical Conductivity	Conductive		
Resistance to Dry Delamination (AS/NZS 4201.1)	Pass		
Resistance to Wet Delamination (AS/NZS 4201.2)	Pass		
Moiture Shrinkage (AS/NZS 4201.3)	≤0.2%		

For further technical advice call +604 390 8460 or visit www.ecowool.com.my

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