Greenspec Solutions
Environmental Building Products

Dow Thermax Light Duty
Soffit Insulation

Dow Thermax™ White Finish insulation has a glass fibre reinforced polyisocyanurate foam core faced with 1.25mil embossed white acrylic coated aluminium on one side and 1mil smooth aluminium on the other. It can be pressure washed up to 1,000 psi with a 15-degree or greater spray tip and can be installed exposed to the interior without a thermal barrier.

Thermax™ insulation is designed as an insulation and interior finish system for interior masonry or concrete walls, plus walls and ceilings in metal, wood post frame, and concrete or masonry buildings. It is manufactured and conforms to AS/NZS 4859.1:2002.

Thermax™ insulation is created by an exclusive free-rise manufacturing process, which produces a thermosetting closed cell foam that is specially formulated for improved fire performance. The combination of the closed-cell foam core and sturdy facers produces boards that deliver high R-value plus excellent dimensional stability and moisture resistance.

Fire safety is another benefit of **Thermax™**. Tested to the highest International Fire Standards, the **Thermax™** range is compliant to Factory Mutual – FM Global Approvals Standard 4880: Class 1 and has been tested to comply with Australian Standards AS ISO9705 Full-scale Burn Room Test, satisfying Specification C1.10a of the NCC/BCA.

All Dow polyisocyanurate insulations are manufactured with hydrocarbon blowing agents, which have no ozone depletion potential.

Call 1300 722 832 for more information.

Technical Data	
Compressive Strength:	172 kPa
Width:	1220 mm
Length:	2235 mm
Water Vapour Permeance:	<0.3 %
Water Absorption:	0.05 %
Thermal K Value:	0.022 W/mK
Operating Temperature:	-46 to +88ºC

Thermal Comparison

EPS (Foil Faced) K Value = 0.039 W/mK		**Dow Thermax™** K Value = 0.022 W/mK	
mm	R Value	mm	R Value
10	0.26	13	0.59
12	0.31	25	1.15
15	0.38	38	1.72
20	0.51	44	2.02
25	0.64	51	2.32

Environmental Data
Green Star Compliant
CFC & HCFC Free
Zero ODP
LEED
USGBC

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green building council australia
MEMBER