



Styrofoam Roofmate SL-X

Details

Styrofoam™ Roofmate SL-X extruded polystyrene (XPS) thermal insulation distributed by DCTech, is designed for installation above waterproofing membranes in protected membrane roof (PMR) applications. Styrofoam™ Roofmate SL-X XPS rigid insulation boards are unaffected by the conditions encountered on flat roofs including wide fluctuation in operating temperature or repeated freeze/thaw cycles.

Styrofoam™ Roofmate SL-X XPS thermal insulation offers a long term retained R-value, high compressive strength and superior moisture resistance, making Styrofoam™ Roofmate SL-X XPS the perfect solution wherever superior load bearing and high insulating capabilities are specified.



Applications

- IRMA (upside down roof)
- Heavyweight decks with a ballast layer of gravel or concrete slabs
- Timber decking and paving
- Roof gardens

Features

- High compressive strength
- Long term retained R-Values
- Does not support mould growth, will not crumble or decay

Specification Clause General Application Board

Specify Dow Styrofoam™ 'X' Foam for Greenstar projects

Dow Styrofoam™ Roofmate-X extruded polystyrene general application board should be described in specifications as:-

The insulation shall be Dow Styrofoam™ Roofmate-X

NSW

Unit 8, 171-175 Newton Rd
Wetherill Park NSW 2164
P O Box 7186
Wetherill Park DC NSW 1851
T 02 8788 9555
F 02 9604 7468
E nsw@dctech.com.au

VIC

12 Agosta Drive
Laverton North VIC 3026
T 03 9369 7920
F 03 9369 4043
E vic@dctech.com.au

www.dctech.com.au



Standards

- Green Star Compliant
- Zero ODP
- Low VOC's
EU Reg EC\3093\94

___mm closed cell rigid cellular extruded polystyrene (XPS) foam panel with minimum compressive strength 300 kPa. Dow Styrofoam™ Roofmate-X is distributed by Dynamic Composite Technologies - T: 1800 051 100.

Dynamic Composite
Technologies Pty Ltd
ABN 55 103 023 874

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Technical Data

Product Name:	Dow Styrofoam™ Roofmate SL-X Extruded polystyrene XPS rigid thermal insulation
Product Description:	Dow Styrofoam™ Roofmate SL-X extruded polystyrene thermal insulation is specifically designed for insulated roof membrane assembly (IRMA) applications. Roofmate SL-X XPS long term retained R-value combined with high compressive strength and superior water resistant properties make it ideal for flat concrete and metal deck roofing applications.
Surface finish:	Planned
Product code:	Roofmate SL-X
Colour:	Blue
Edge treatment:	Ship-Lap
Nominal Thickness:	30 - 200 mm
Width:	600 mm
Length:	1250 mm
Density:	32 kg/m ³
Compressive strength:	300 kPa (min @ 10% deformation)
Water absorption:	< 0.3%
Blowing agent:	HFC
Environmental characteristics:	Green Star Compliant, Zero ODP, CFC/HCFC free, Low VOC

Nominal Thickness to R-Value
Dow Styrofoam™ Roofmate SL-X @ 24°C

Nominal Thickness mm	Lambda/K Value/Thermal Conductivity	R Value
25	0.0278	0.9



30	0.0278	1.1
40	0.0278	1.4
50	0.0278	1.8
60	0.0278	2.2
75	0.0278	2.7
80	0.0278	2.9
90	0.0278	3.2
100	0.0278	3.6
120	0.0278	4.3
150	0.0278	5.4
200	0.0278	7.2

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