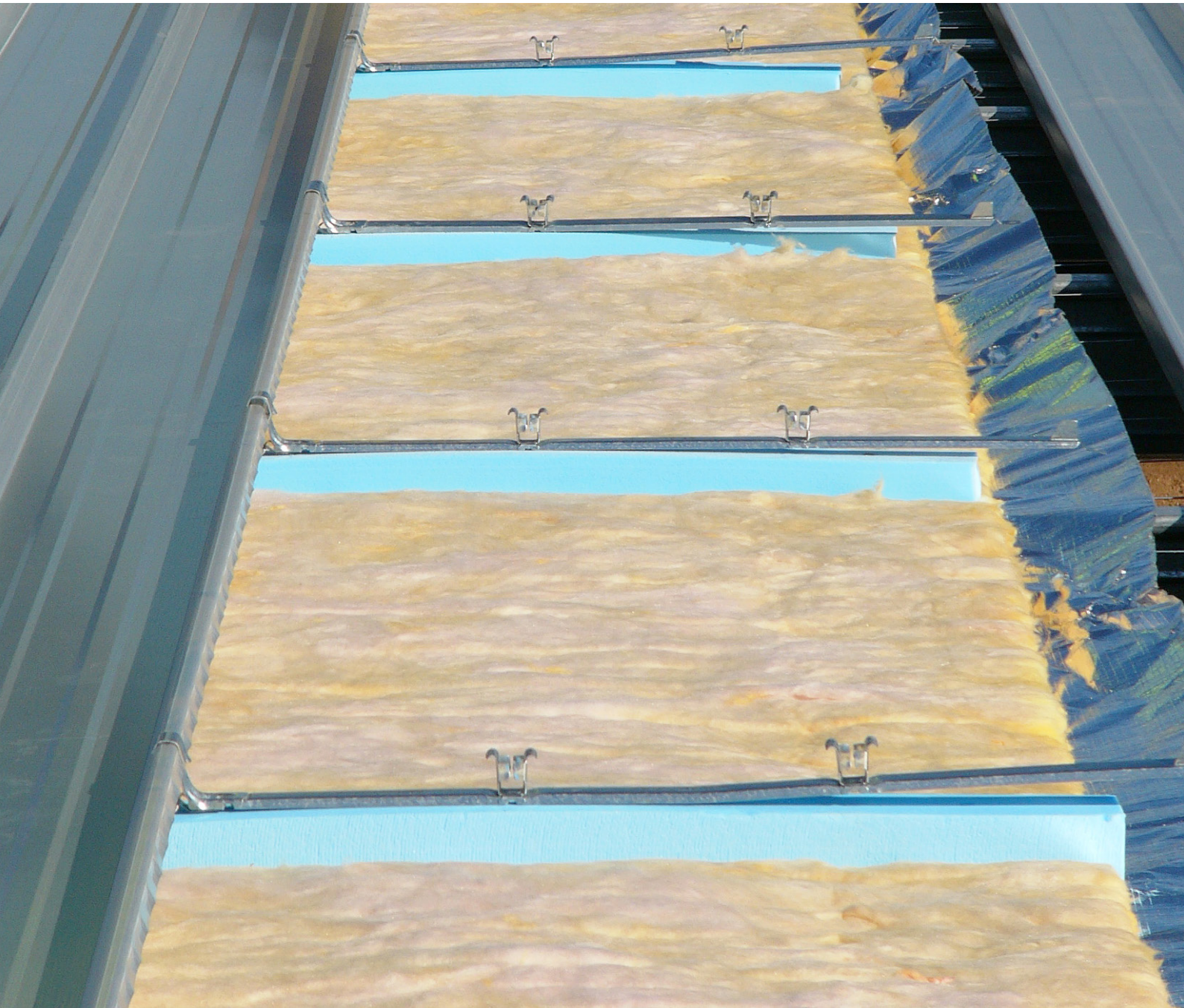




the knowledge to produce solutions



DCT XPS

Thermal Break Strips

DCT XPS Thermal Break Strips



Details

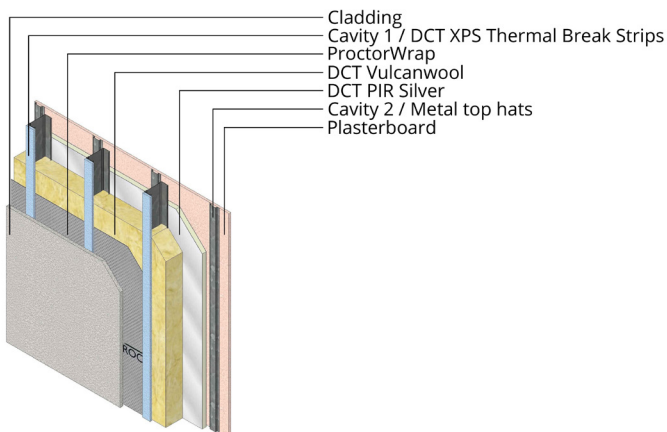
DCT XPS Thermal Break Strips distributed by DCTech are made from a high compressive strength 300 kPa Styrofoam™ extruded polystyrene (XPS) rigid thermal insulation board. DCT XPS Thermal Break Strips are designed specifically to reduce the thermal loss on metal deck roof and wall applications.

For compliance with J0.2(c), a wall that—

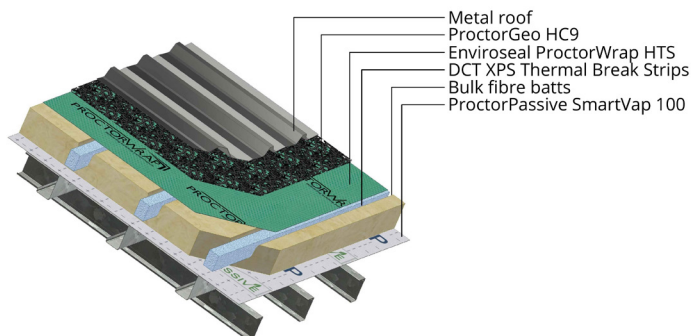
- (a) does not have a wall lining or has a wall lining that is fixed directly to the same metal frame; and
- (b) has lightweight external cladding such as weatherboards, fibre-cement or metal sheeting fixed to a metal frame,

must have a thermal break, consisting of a material with an R-Value of not less than R0.2, installed at all points of contact between the external cladding and the metal frame.

[NCC 2019 Volume 1, J0.5 Wall thermal breaks]



DCT XPS Thermal Break Strips in Wall



DCT XPS Thermal Break Strips in Roof

DCT XPS Thermal Break

technical data

Product name:	DCT XPS Thermal Break Strips Extruded polystyrene XPS rigid thermal insulation
Product Description:	DCT XPS Thermal Break Strips are designed specifically to reduce the thermal loss on metal deck roof and wall applications. Depending on construction method, in some metal deck roofs the insulation blanket can be compressed, which can reduce the thermal performance of the roof system. The use of the DCT XPS Thermal Break Strips on top of each purlin above the insulation blanket will ensure that sufficient room is allowed for the insulation blanket to recover its nominal thickness and that stated R values are achieved.
Colour:	Sand/Blue

Nominal Dimensions	1250mm Option	2500mm Option
	25mm x 75mm x 1250mm 40mm x 75mm x 1250mm 50mm x 75mm x 1250mm 75mm x 75mm x 1250mm 100mm x 75mm x 1250mm	6mm x 40mm x 2500mm 7mm x 40mm x 2500mm 25mm x 75mm x 2500mm 40mm x 75mm x 2500mm 50mm x 75mm x 2500mm 75mm x 75mm x 2500mm 100mm x 75mm x 2500mm

Density	32 kg/m ²
Compressive strength:	300 kPa (min) @ 10% deformation
Water absorption:	< 0.3%
Manufactures Tolerance:	+/-2mm
Fire classification: AS1530.3	9,0,3,6 - Blue 7,0,2,5 - Sand

Nominal Thickness to R-Value DCT XPS Thermal Break Strips @ 24°C				
Nominal Thickness mm	Lambda / K Value/Thermal Conductivity (NCC 2016)	R-Value m ² K/W	Lambda / K Value / Thermal Conductivity (NCC 2019)	R-Value m ² K/W
6	0.025	0.2	0.033	0.18
7	0.025	0.3	0.033	0.21
25	0.025	1.0	0.033	0.75
40	0.025	1.6	0.033	1.20
50	0.025	2.0	0.033	1.50
75	0.025	3.0	0.033	2.25
100	0.025	4.0	0.033	3.00

technical hotline: 1800 051 100

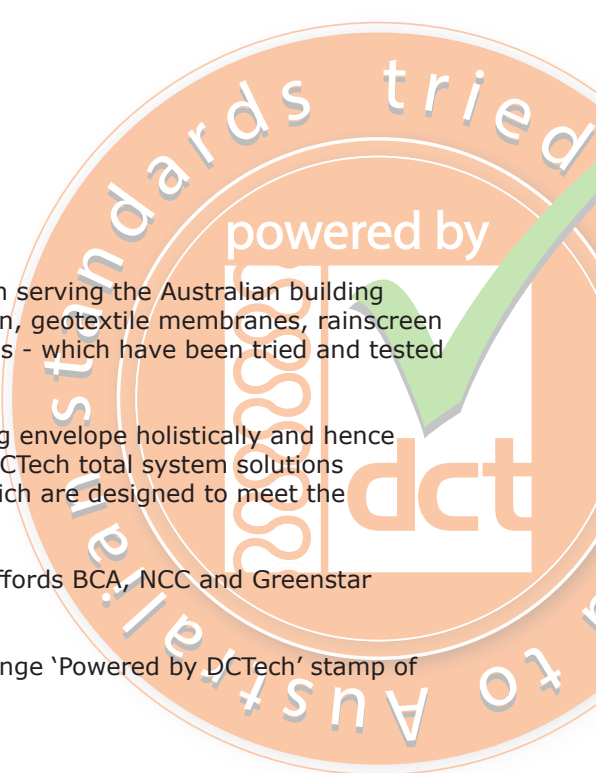
about dctech

Dynamic Composite Technologies, or as we are now known DCTech, has been serving the Australian building industry with an extensive portfolio of technically advanced thermal insulation, geotextile membranes, rainscreen cladding brackets and fibreglass reinforced plastic wall and ceiling liner panels - which have been tried and tested to Australian building codes and standards.

This diverse portfolio provides DCTech with the ability to consider the building envelope holistically and hence develop a 'total system solutions' for a wide range of building applications. DCTech total system solutions incorporate high-performance building materials and innovative solutions which are designed to meet the continuously evolving requirements of the Australian building industry.

DCTech total system solutions address the risk of interstitial condensation, affords BCA, NCC and Greenstar compliant thermal efficiency and optimum acoustic and fire performance.

Ensure you specify the right system for the right application, look for the orange 'Powered by DCTech' stamp of approval.



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the knowledge to produce solutions