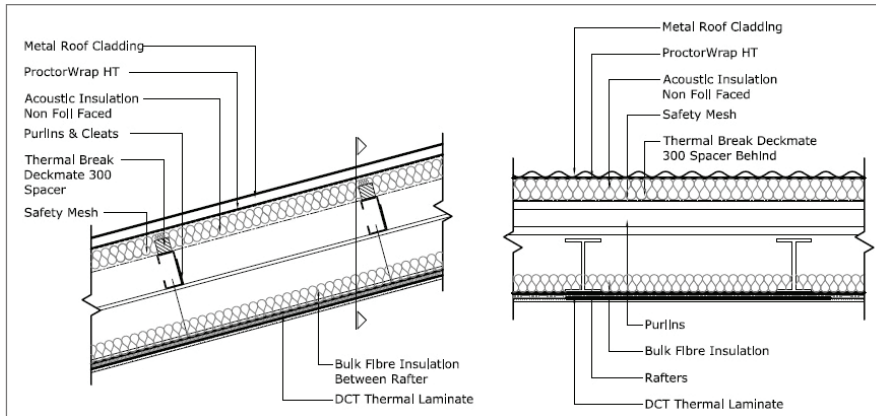


commercial metal roof with cathedral ceiling below rafters

ProctorWrap HT DCT Thermalcheck Dow Styrofoam Deckmate



General

Location: Under profiled metal roofing

Material

Sarking Membrane: ProctorWrap HT breathable (vapour permeable) membrane with vapour resistance of not more than 0.26MNs/g.

Installation: ProctorWrap HT should be laid directly under metal roofing and above the insulation to form a continuous membrane over the entire area of the roof, allowing any water to drain down to the gutters.

Fixing: On low pitched roofs if ProctorWrap HT is unsupported, laps should be taped to prevent moisture draining back into the insulation

Thermal Break: Fit [thickness] mm Dow Deckmate 300 strips fixed to the purlin.

Fixing: Screw fix between thermal break strip and purlin.

Acoustic Insulation: [Glasswool/polyester] batt (not foil faced)

Safety Mesh: To AS 4389

Total R-Value: [Complete]

Location: Ceiling

Insulation: [Glasswool/polyester] batt

Vapour Barrier: Fix DCT Thermal Laminate to underside of frame [12.7mm Tuff-R + [Size]mm Plasterboard]
Dow Deckmate 300, Thickness = [Frame width] x Height = [0.5 x Blanket Thickness]. Standard Sizes = 25,50,75mm

Location: Ceiling

Vapour Barrier: Fix DCT Thermal Laminate to inside of frame to Dynamic Composite Technologies details. [12.7mm Dow Tuff-R + [Size]mm Plasterboard]

Dow Deckmate 300, Width = [Frame width] x Thickness = [0.5 x Blanket Thickness]. Standard Sizes = 25, 50 and 75mm. There are a large number of factors that need to be considered in assessing and managing condensation risk. Such factors include the local climate, building use, position, thickness and type of insulation, position and integrity of vapour barriers, and the degree and location of mechanical or passive ventilation both in the roof space and the interior. It is highly recommended that designers undertake a condensation risk analysis.