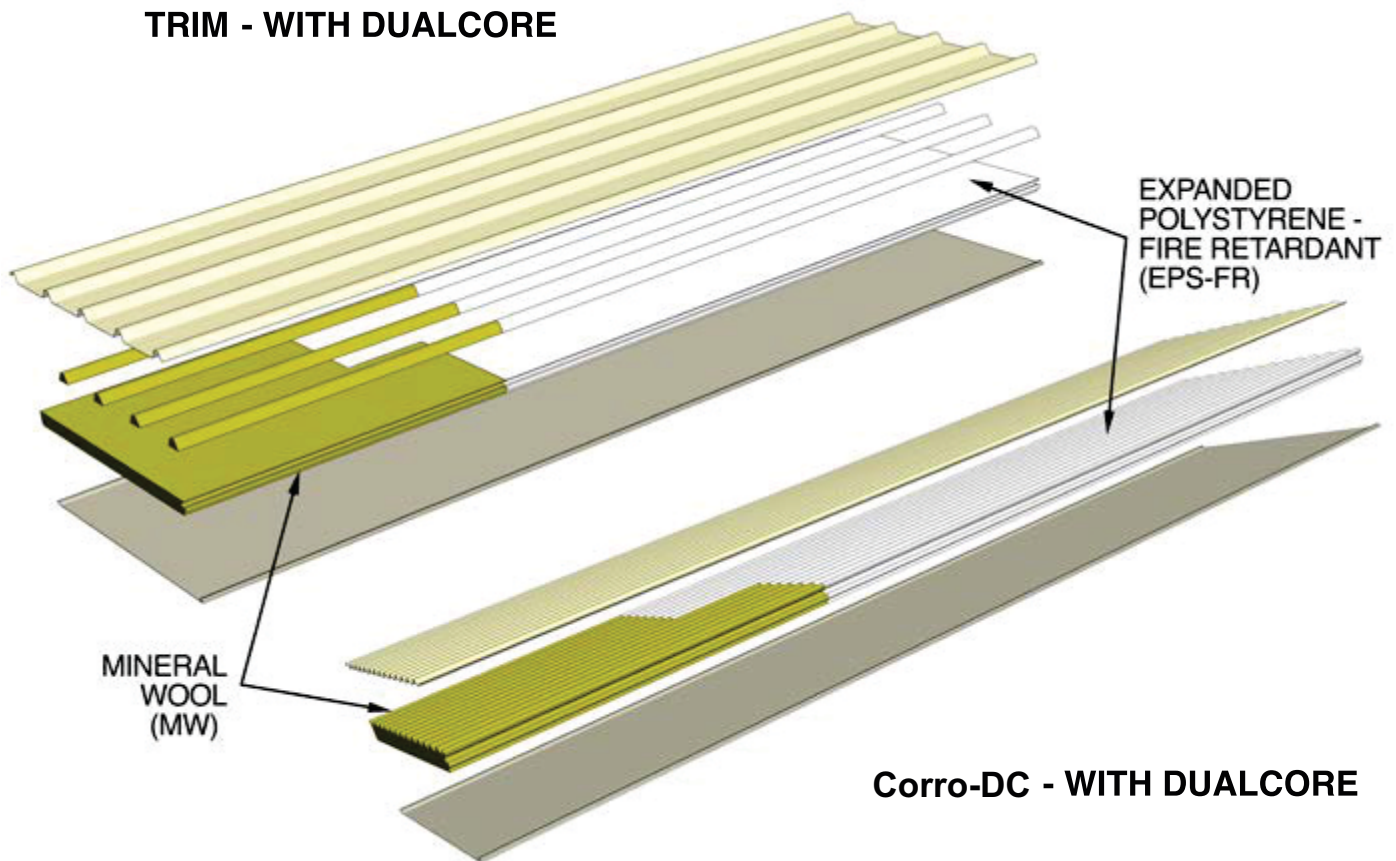


DUAL CORE PANELS

TRIM - WITH DUALCORE



Corro-DC - WITH DUALCORE

APPROVED AWNING AND PATIO ROOFING SOLUTION NEXT TO THE BOUNDARY

AUSTRALIAN MADE FOR AN AUSTRALIAN LIFESTYLE

PRODUCT DESCRIPTION

DualCore Panels utilise a unique combination of core materials, allowing the panel to retain the structural and aesthetical benefits of insulated panels, while still conforming to non-combustibility requirements outlined in Part 3 of the NCC 2019 - Volume Two, for the Mineral Wool section of the panel.

PRODUCT FEATURES

- Engineer Certified to confirm to the non-combustible requirements of Class 10 Buildings for the Mineral Wool section of the panel.
- Available in both Trim & Corro Top sheets
- Full colour range
- Offers a practical solution to building Awning and Patio Roofing along the boundary line.
- CodeMark Australia Certificate Number CM40330
- Innovation Patent Number 2021104435

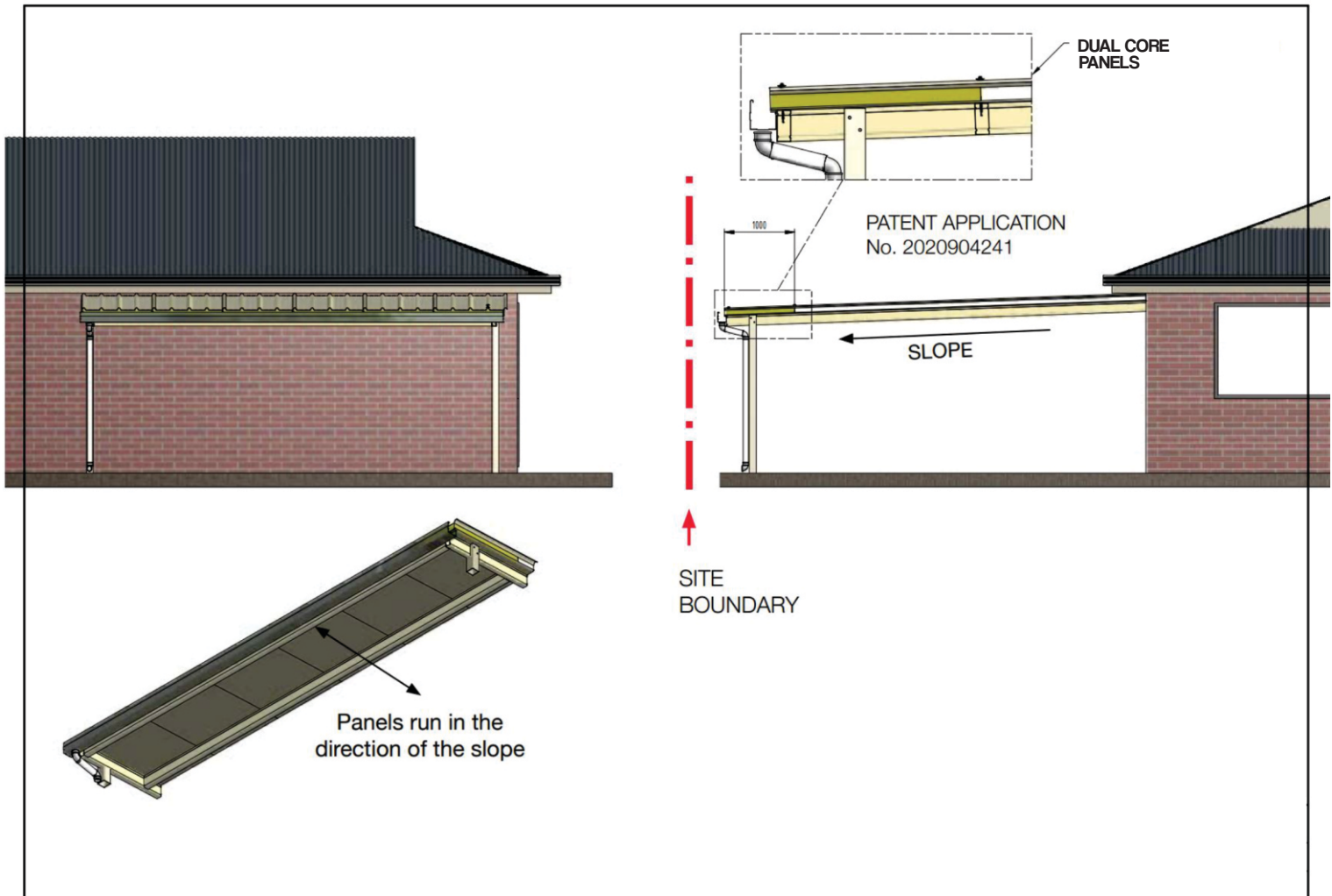


DUAL CORE PANELS

DUALCORE PANELS

- For Awning and Patio Roofing that finishes within 900mm of the boundary line.

PANEL LAYOUT RUNNING TOWARDS THE BOUNDARY LINE

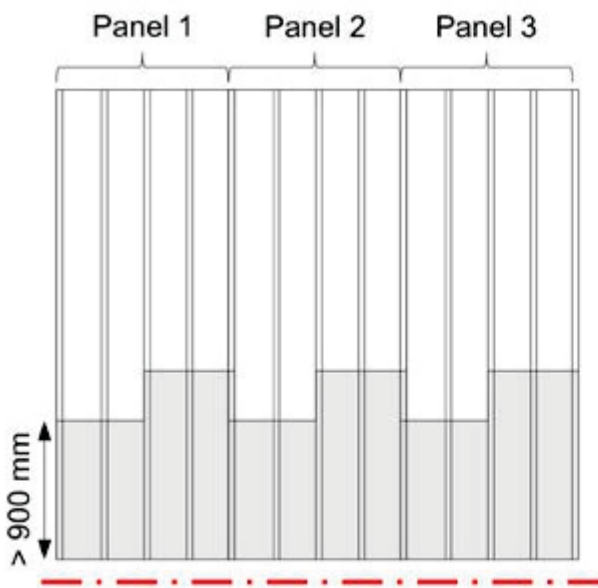


DUALCORE PANELS

- For Awning and Patio Roofing that finishes within 900mm of the boundary line.

PANEL LAYOUT

- Design Configuration

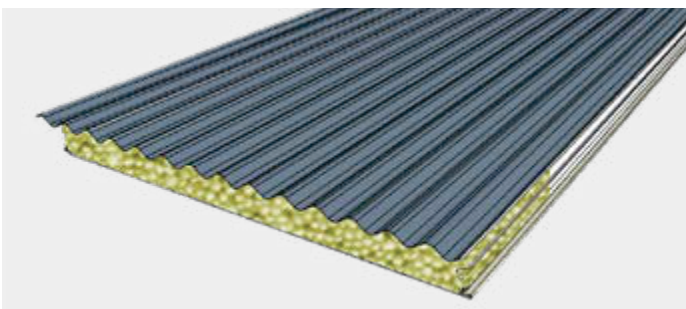
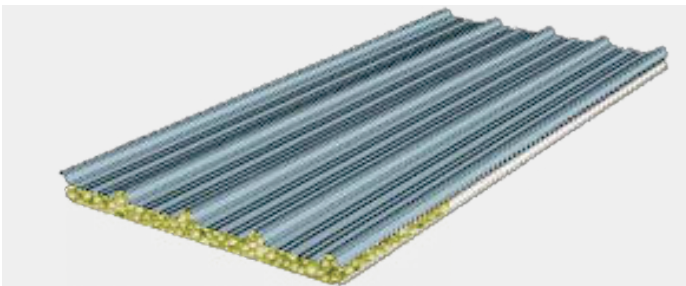


CERTIFICATION LIMITS

- DualCore is limited to a roof covering for Awnings and Patios.
- Certification is only for Trim-DC and Corro-DC Panel and fixings but not the structure that the panels are affixed to.
- Any portion of the Trim-DC and Corro-DC Panel that is located within the 900mm site boundary must contain the mineral wool portion of the Trim-DC and Corro-DC Panel.
- Any portion of the Trim-DC and Corro-DC Panel that is located within the 900mm site boundary must NOT contain any Expanded Polystyrene with fire retardant (EPS-FR) core material.
- Trim-DC and Corro-DC panels top skin consisting of 0.45 mm Colorbond Steel and bottom skin consisting of 0.55 mm UniCote Steel.

DUAL CORE PANELS

| | | |
|------------------------------|--|------------------------|
| Steel Skin Details | Top Skin | 0.45mm Colorbond Steel |
| | Bottom Skin | 0.55mm UniCote Steel |
| Core Material Options | - SL Grade Polystyrene - Fire Retardant Grade - Mineral Wool - MW - 900 minimum | |
| Thermal Conductivity | Minimum 0.0363 W/mK @ 23.0 C | |
| Adhesive | Thermosetting two-part adhesive | |
| | 75mm Panel | 2.08 |
| | 100mm Panel | 2.78 |
| | 125mm Panel | 3.48 |
| | 150mm Panel | 4.17 |
| Sheet Coverage | 1000mm | |
| Density | Average density for a 6.0 metre panel is 30.8kg/m3 | |
| Length (mm) | Cut to length. Min. of 1800mm | |
| Thickness (mm) | 75, 100, 125, 150 | |
| | 75mm Panel | 13.9 |
| | 100mm Panel | 14.7 |
| | 125mm Panel | 16.7 |
| | 150mm Panel | 18.7 |
| Minimum Roof Pitch | Trim - 2° | |
| | Corro - 3° for Class 10 Buildings | |



| Trim Fixing Details | | |
|--|-----------------------------|-----------------------------|
| Crest fixing only. One fixing every second crest | | |
| Panel Thickness (mm) | Fixing into Steel | Fixing into Timber |
| 75 | Tek 14 x 150 Hex Head Screw | T17 14 x 150 Hex Head Screw |
| 100 | Tek 14 x 175 Hex Head Screw | T17 14 x 175 Hex Head Screw |
| 125 | Tek 14 x 200 Hex Head Screw | T17 14 x 200 Hex Head Screw |
| 150 | Tek 14 x 230 Hex Head Screw | T17 14 x 230 Hex Head Screw |

| Corro Fixing Details | | |
|--|-----------------------------|-----------------------------|
| Crest fixing only. One fixing every second crest | | |
| Panel Thickness (mm) | Fixing into Steel | Fixing into Timber |
| 75 | Tek 14 x 135 Hex Head Screw | T17 14 x 150 Hex Head Screw |
| 100 | Tek 14 x 150 Hex Head Screw | T17 14 x 175 Hex Head Screw |
| 125 | Tek 14 x 175 Hex Head Screw | T17 14 x 200 Hex Head Screw |
| 150 | Tek 14 x 200 Hex Head Screw | T17 14 x 230 Hex Head Screw |

Use Cyclone Plate and Neo Washer on each fixing

Upon Installation the overlap needs to be stitch screwed or riveted every 300mm.

