

Product Information Sheet

MANUFACTURER

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DESCRIPTION

COLORSTEEL® for Insulated Panels has been specifically developed for manufacture of cool room insulated panels or interior/exterior architectural panels. It is comprised of either a traditional Zinc or ZINCALUME® coated steel substrate combined with a custom-formulated paint system.

APPEARANCE

COLORSTEEL® Titania is the most common colour choice for cool room panels, a wider colour range is available in various other COLORSTEEL® topcoat colours. The standard backer is Foam Grey®.

Solar reflectance and light reflectance values vary with colour, refer to COLORSTEEL® & Reflectivity brochure for details.

STANDARDS

Steel substrate may be either G300 or G550 consistent with AS 1397:2021.

Metallic coating is consistent with AS 1397:2021.

SCOPE

COLORSTEEL® substrate used in the manufacturing process of coolroom insulated panels.

The COLORSTEEL® substrate used in the manufacturing process of interior/exterior structural insulated panels is consistent with AS 1397:2021.

RELEVANCE TO THE NEW ZEALAND BUILDING CODE

• B1 Structure

The strength of products manufactured from insulated panels depends on the face and liner profiles it is formed into and the thickness and composition of the core. Structural capacities of the finished members should be obtained from the manufacturer.

• B2 Durability

The durability of insulated panel sheathing as an exterior cladding can be assessed by reference to its coating type in accordance with E2/AS1 Table 20.

The durability of insulated panels as a structural member can be assessed by reference to the DURABILITY STATEMENT for COLORSTEEL® products.

INSTALLATION & MAINTENANCE

Insulated Panel systems must be installed following industry best practice.

It is important that all COLORSTEEL® for Insulated Panels is carefully handled during transport and fabrication to avoid damaging the high-quality surface finish. Examine the material carefully when it is delivered and report any faults to the supplier immediately. If the product is to be stored for any length of time prior to manufacturing or installation, we recommend dry, well-ventilated conditions. Incorrect storage may irreparably damage the product.

QUALITY ASSURANCE: ISO 9001:2015.



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