Arctic Constructions
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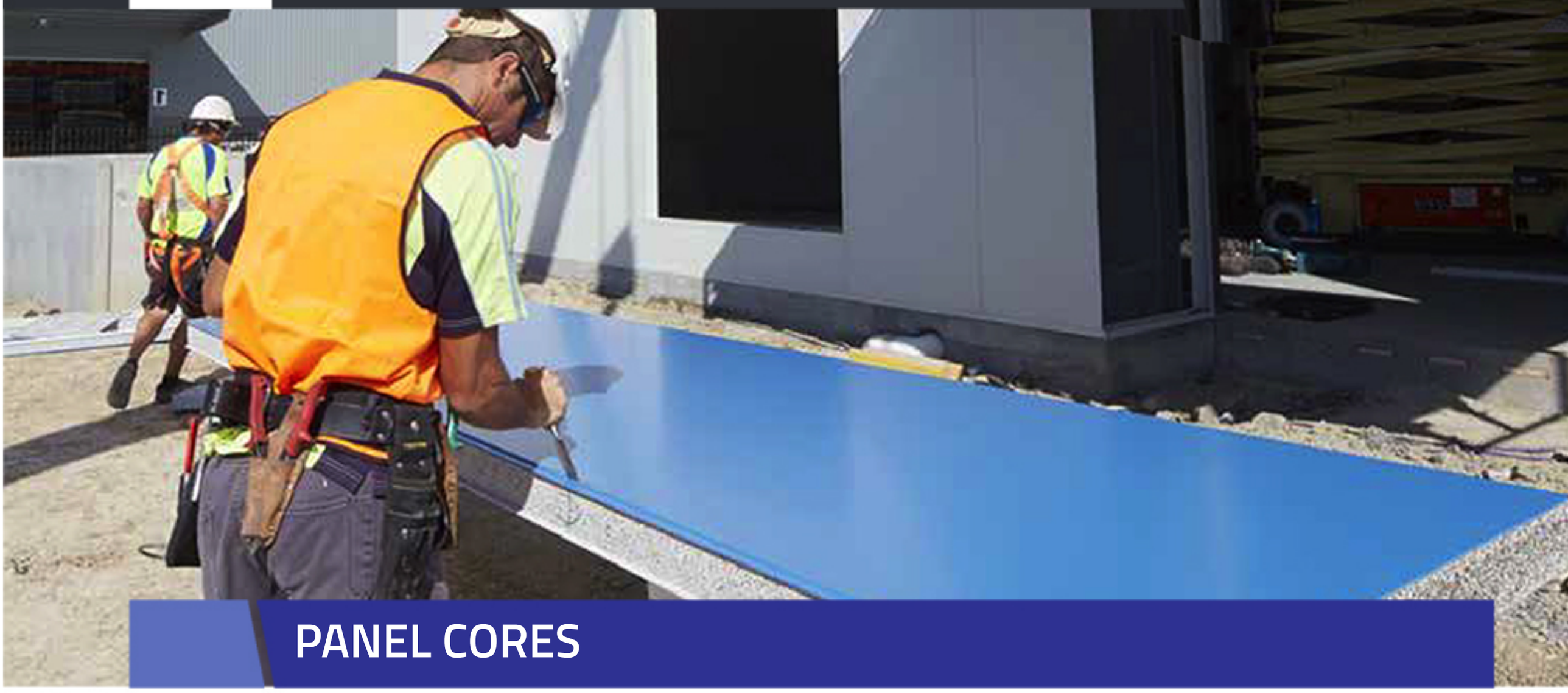
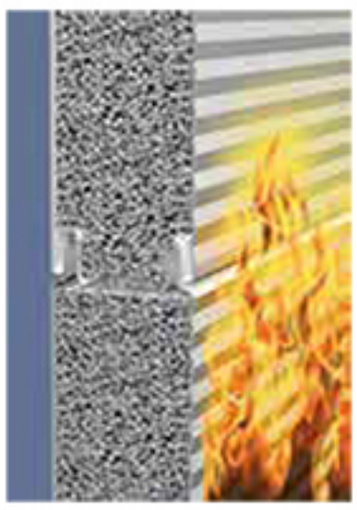
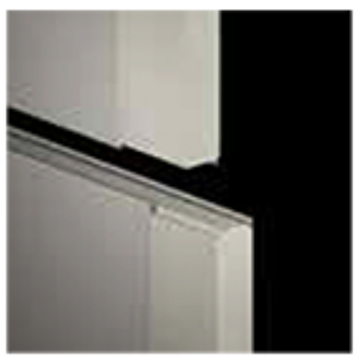


PANEL CORES



XFLAM

XFLAM is a market leading, insurer endorsed, and innovative product in the field of fireresistance. It is syntactic foam with enhanced fire resistance, excellent mechanical properties, superior insulation values, low toxicity and is completely recyclable. As an insulating material, XFLAM achieves a high insulation rating to easily achieve section J compliance. The high insulation value reduces the energy costs required for maintaining a comfortable and efficient environment within the building. XFLAM Panels were the first in Australasia to achieve FM accreditation in all three relevant certifications for Insulated Panel Systems – 4471, 4880 and 4881. These Approvals cover full-scale fire, severe hail, and hurricane conditions to name a few.

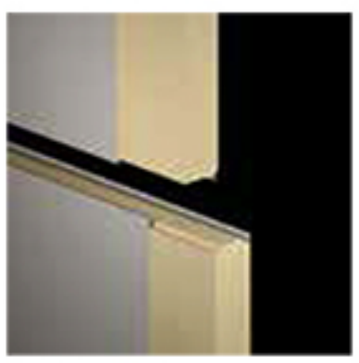


EXPANDED POLYSTYRENE

Broadly used and accepted throughout the construction industry, the EPS-FR panel core has been tried and tested for half a century. This cost effective construction solution has an impressive strength to weight ratio, is 100% recyclable and because of its low density, it provides further saving in the cost of foundations, framing and auxiliary insulation. This BCA Group 1 product contains a Fire-retardant
(FR) that is self-extinguishing.

MINERAL WOOL

In response to Industry demand for a high performance fire resistant panel – ASKIN developed the Mineral Wool core ‘Econorock’ panel. The Mineral Wool panel is classified as noncombustible and has the added benefit of sound absorption with significant acoustic ratings. The panel is ideally suited for application involving fire rated partitions, data centres, plant room isolation, and other more extreme environments.



POLYISOCYANYRATE (PIR)

Complementing the complete range of panel options offered by ASKIN – PIR panel has been designed for higher thermal performance and is an FM approved panel system. PIR, a cyanide modified rigid polyurethane foam core panel, has moderate fire resistance and can be used to good effect in applications requiring a high thermal resistance.