



*Supporting you with Smart Solutions*

## Austech External Building Products Qld

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# Data Sheet

## Enviroshield Vinyl Cladding: Insulation & R-Value

Austech External Building Products offer a wide range of vinyl claddings. Enviroshield uses a unique locking system that guarantees total weather protection. With a fully secure, CFC-free solid foam insulation backing built into the cladding, variation in temperatures are significantly decreased resulting in cooler summers and warmer winters. In turn, this will result in higher energy efficiency and lower energy bills. In addition, selecting Enviroshield Vinyl Cladding will provide further environmental benefits such as reducing power consumption to manage internal temperatures and a minimised carbon footprint.

Enviroshield is manufactured to AS/NZS 4256.4, the highest guarantee of a quality product. Enviroshield has the ability to significantly add to the insulation qualities of a home. Working on the theory of still trapped air as an insulation component, when installed correctly over existing timber or fibro walls, or onto new framework with appropriate underlay, this will create an air gap which acts as a highly effective insulator. This may be further enhanced by using batts as an in-wall insulator. This 'still air' principle is regularly used when attempting to achieve higher R-Values.

The Enviroshield Vinyl Cladding boards come with a lightweight, green coloured polystyrene foam backing that allows for considerable savings in energy expenses. If in-wall insulation is used in conjunction with foamed-backed Enviroshield Vinyl Cladding then an R-Value of around 3 should be gained. Significantly exceeding an approximate R-Value of 1.4 when the cladding is installed over framework with an underlay of fibro or plywood.

Enviroshield Vinyl Cladding has many benefits. Amongst them is the green polystyrene foam backing which adds a layer or bridge around the entire project without any extra effort or mess. This is a major advantage for not only the builders, but also the homeowners and finally our planet. Make the ultimate choice today with Enviroshield Vinyl Cladding.

