

INSULATED CLADDING SYSTEM

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Orangeboard by AUSBLOX™ - Insulated Cladding

Orangeboard by AUSBLOX™ - Primer

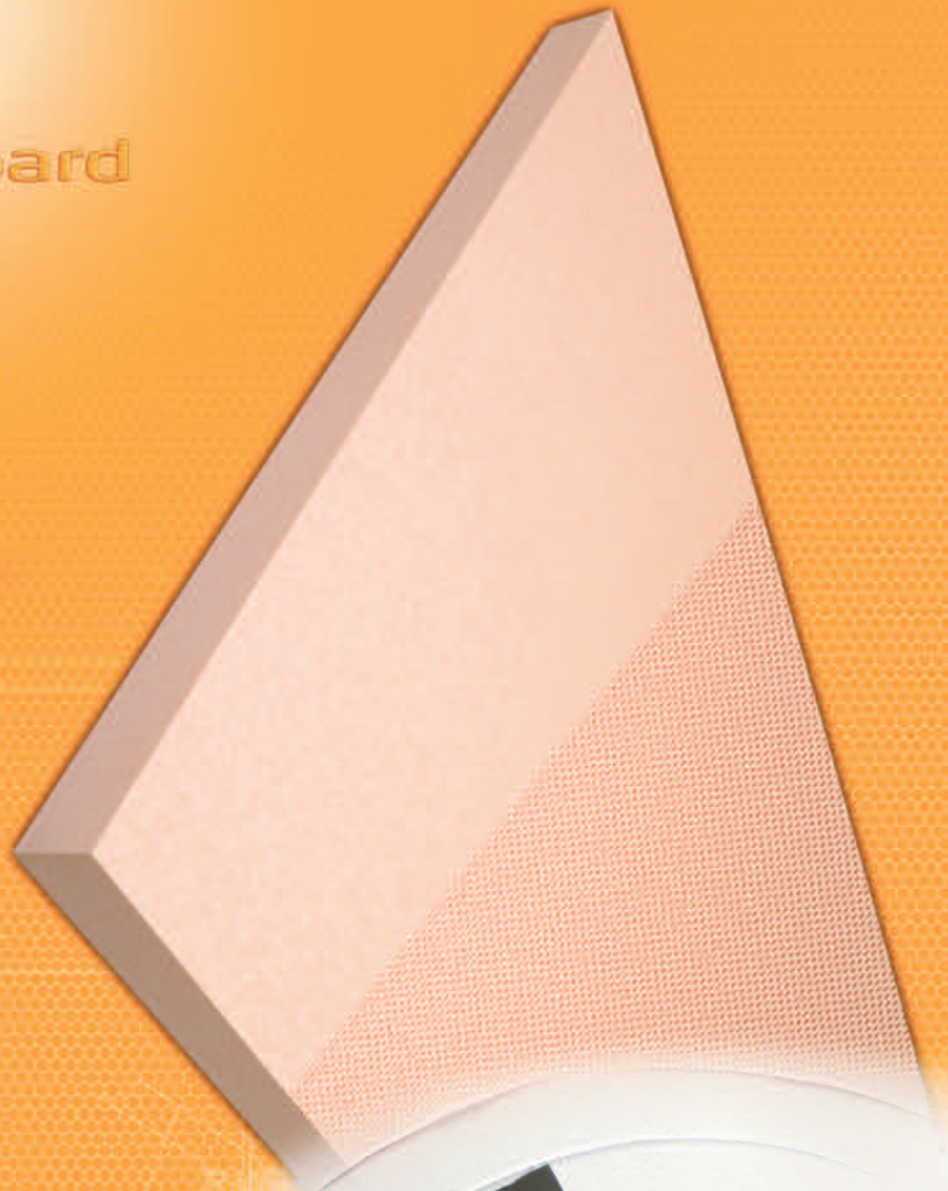
Orangeboard by AUSBLOX™ - PLUS Render

Orangeboard by AUSBLOX™ - Wall Mesh

Orangeboard by AUSBLOX™ - Fixing Accessories



Orange Board



PROFESSIONAL GRADE EPS PANEL - CODEMARK CERTIFIED & BCA COMPLIANT



Orangeboard by AUSBLOX™ - The smart choice for Architects, Builders & Specifiers

Orangeboard by AUSBLOX™ is the smart choice because of its quality, flexibility and economy. It is a superior expanded polystyrene (EPS) panel that has been specifically designed to provide construction professionals with a fully compliant Exterior Insulation Finishing System (EIFS) that they can specify and use with confidence.



Fully compliant - Building Commission Australia

Leading independent consultants have comprehensively tested and evaluated Orangeboard by AUSBLOX™ and have verified that it complies with all relevant Australian Standards and Building Code of Australia (BCA) Performance Requirements necessary for EIFS systems. Consequently, Orangeboard by AUSBLOX™ is fully compliant and has been certified to the National Code Mark building products certification scheme and has achieved BAL 29 Compliance.

Class:	'M' Rigid cellular polystyrene - Moulded - AS 1366.3
Structural Stability:	P2.1.1(a)&(b)(i),(ii),(iii) of BCA Volume Two - AS/NZS 1170.2:2012
Wind Load:	3.10.1 of BCA Volume Two, AS 1170.2 and AS 4040.3 Regions A,B,C & D to wind load category C4
Weather Proofing:	P2.2.2, BCA Volume Two, AS 4284
Energy Efficiency:	P2.6.1 Energy efficiency for external walls

Easy to Install

Orangeboard by AUSBLOX™ is easy to install. Its lightweight rigid construction enables it to be easily transported unloaded and manoeuvred onto any building site. This contributes to fast construction times and reduced construction costs.

Design Flexibility

Versatility is a key characteristic of Orangeboard by AUSBLOX™. Its unique properties allow it to be easily cut without loss of strength. In addition to this, it offers the dual benefits of both thermal insulation and a superior rendering surface for a wide range of residential buildings.

Environmentally Friendly

Orangeboard by AUSBLOX™ is manufactured from AUSBLOX Isolite® EPS which is noted for its exceptional environmental credentials. It is non-toxic, odourless and non-irritating to the skin or eyes. It is also biologically inert, contains no HCFCs, is safe for the environment and can be recycled.

Reliable Sales & Service

AUSBLOX is one of Australia's largest producers of Expanded Polystyrene products and with over 50 years of experience, this means you can trust AUSBLOX for sales, service and delivery. All our staff are suitably experienced and are available to advise and answer all your queries. Simply contact your local state office and ask to speak to an Orangeboard by AUSBLOX™ consultant today.



Residential

Attributes

Code Mark Certification	Yes	Curved applications	Yes
BAL 12.5, 19 & 29 Compliance	Yes	Moisture and rot resistant	Yes
Structurally stable	Yes	Wind loading for Regions A,B,C & D	Yes
Suitable for render base	Yes	Special custom sizes	Yes
Summer Thermal rating (75mm)	R2.32	Summer Thermal rating (100mm)	R2.96
Winter Thermal rating (75mm)	R2.44	Winter Thermal rating (100mm)	R3.12

Weighted Sound Reduction Index (Rw) Performance

Panel Thickness	Construction	Rw
75 mm	Panel + frame + sarking	12 dB
75 mm	Panel + 5mm render only	27 dB
75 mm	Panel + 8mm render + frame + sarking + 10mm thick plaster full wall system	42 dB

Orangeboard by AUSBLOX™ SHEET SIZES
 5,000 x 1,200 x 100mm
 5,000 x 1,200 x 75mm
 2,500 x 1,200 x 100mm
 2,500 x 1,200 x 75mm



INSULATED CLADDING SYSTEM

- A - Orange board üAUSBLOX™ - InsulatedCladding
- B - Orange board üAUSBLOX™ - Primer
- C - Orange board üAUSBLOX™ - PLUS Render
- D - Orange board üAUSBLOX™ - Wall Mesh
- E - Orange board ü AUSBLOX™ - Fixing Accessories

For the best possible finish with consistent results Orangeboard by AUSBLOX™ recommends the use of its premium-grade Orangeboard by AUSBLOX™ Insulated Cladding System. The system comprises a selection of high quality components that are fully integrated and have been specifically designed to compliment each other at every stage of construction to produce consistent and outstanding results.



Versatile Application



Orangeboard by AUSBLOX™ a versatile EPS panel that is suitable for a wide range of building designs. It provides a strong and secure surface when installed in accordance with Australian building regulations.

High Quality Finish



Orangeboard by AUSBLOX™ provides an exceptionally high quality finish and is also an ideal surface for most styles of painting and decorative rendering techniques.



...light to lift



...easy to shape



...quick to fix



...perfect for render



...the smart EIFS choice for specifiers, architects and builders



AUSBLOX Environmental EPS

AUSBLOX and the Environment

EPS (Expanded polystyrene) is highly energy efficient. The energy saved over the lifetime of an EPS insulation panel in reduced heating demand, more than compensates for the raw material used in its production.

The effective application of EPS insulation can cut carbon dioxide emissions by up to 50%.

The energy used in its manufacture may be recovered within six months by the energy saved in the buildings when EPS is used to insulate the building depending on the

building design and the climatic conditions.

AUSBLOX promotes the use of EPS, with its superior thermal insulation properties, to lower energy requirements and reduce the impact of buildings on the environment.

AUSBLOX EPS is free from ozone depleting substances in manufacture and composition.

EPS is made without CFCs, HCFCs or HFCs. Manufacturing is done with blowing agents that have Zero Ozone Depleting Potential (ODP).

Recycling EPS

EPS products are recyclable and AUSBLOX has established recycling facilities in all of its plants throughout Australia.

Energy Efficient Manufacture

The manufacture of EPS is a low pollution process. There is no waste in production as all off cuts or rejects are re-used or recycled.

AUSBLOX - Innovation Working for You

AUSBLOX is a company driven by innovation. We have pioneered Rigid Cellular Plastics product technologies, leading the development of innovative product solutions for our customers and international partners.

We are committed to working with our customers to deliver high quality creative solutions to construction problems. Contact us and see how our innovative approach using EPS in building construction can help you.

Developed in Australia. Made in Australia.

AUSBLOX Orange Board® has been developed in Australia by AUSBLOX specifically for Australian conditions and to meet the stringent Australian Building codes in all States. It is manufactured in AUSBLOX plants in Australia in controlled production processes to maintain consistent quality.

Expanded polystyrene does not contain any ozone depleting substances and none are used in its manufacture.

AUSBLOX pursues a policy of continuous improvement in the design and performance of its products. The right is therefore reserved to vary specifications without notice.

AUSBLOX

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