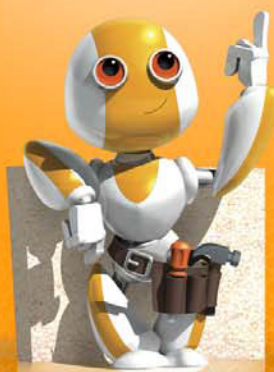


RMAX
Orange Board™

INSULATED CLADDING SYSTEM



Orange Board



INSULATED CLADDING SYSTEM

RMAX Orange Board™ - Insulated Cladding
RMAX Orange Board™ - Primer
RMAX Orange Board™ - Render
RMAX Orange Board™ - Wall Mesh
RMAX Orange Board™ - Fixing Accessories

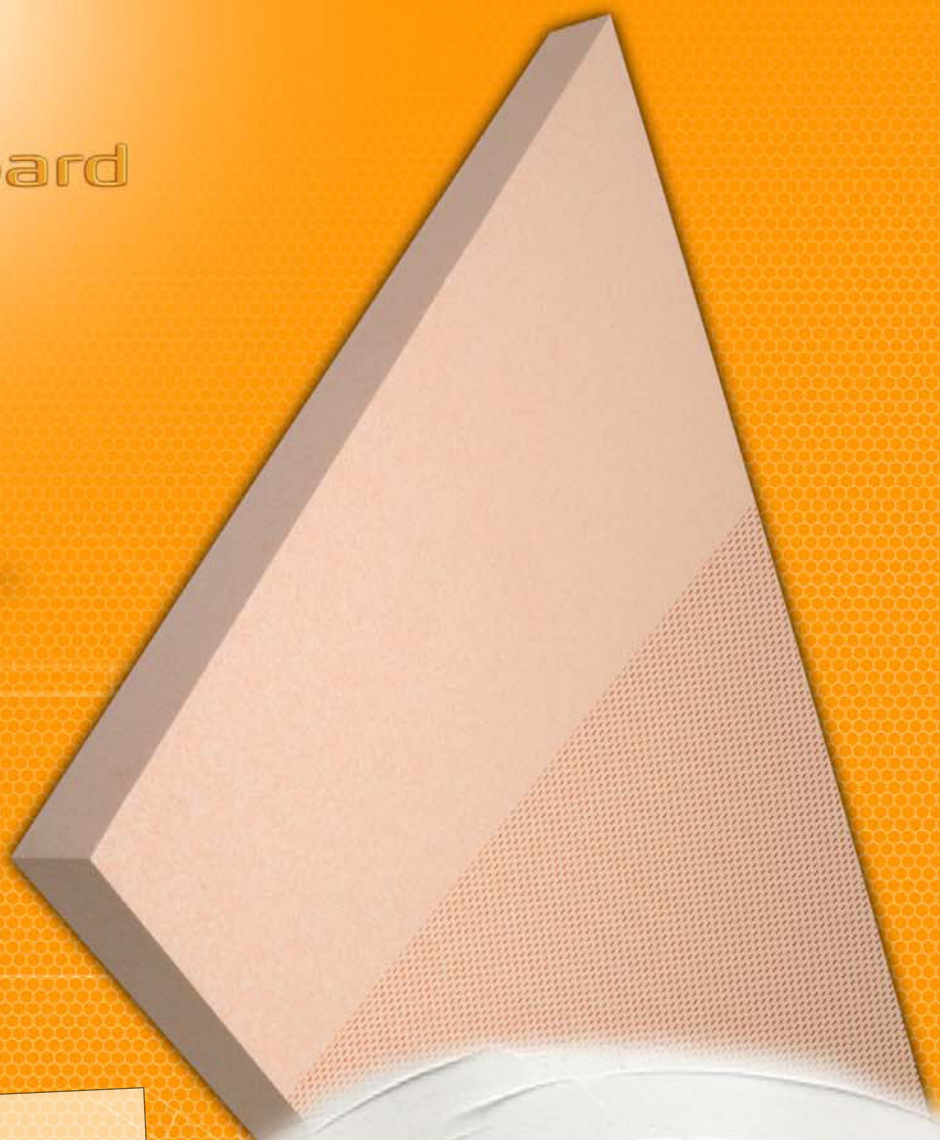
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PROFESSIONAL GRADE - BCA COMPLIANT - EPS PANEL





**BRAC APPROVAL
PENDING**



RMAX OrangeBoard™-The smart choice for Architects, Builders & Specifiers

RMAX OrangeBoard™ 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 architects, builders and specifiers with a fully compliant EIFS cladding system they can specify and use with confidence.

Fully compliant-Building Commissioning Australia

Leading independent consultants have comprehensively tested and evaluated RMAX OrangeBoard™ and have verified that it complies with all relevant Australian Standards and Building Code of Australia (BCA) Performance Requirements necessary for EIFS systems. Consequently RMAX OrangeBoard™ is fully compliant and approved as an external cladding and wall insulation system.

Class: 'M' Rigid cellular polystyrene - Moulded - AS1366.3

Structural Stability: P2.1 of BCA Volume Two, AS 1366.3

Wind Load: 3.10.1 of BCA Vol.Two, AS 1170.2 (High wind regions A & B)

Weather Proofing: P2.2.2, BCA Volume Two, AS 4284

Easy to Install

RMAX OrangeBoard™ is easy to install. It's 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-Residential, Commercial, Industrial

Versatility is a key characteristic of RMAX OrangeBoard™. Its unique properties allow it to be easily cut without loss of strength. In addition it offers the dual benefit of both thermal insulation and a superior rendering surface for a wide range of residential, commercial and industrial buildings.

Environmentally Friendly

RMAX Isolite EPS products are noted for their environmental credentials and RMAX OrangeBoard™ is no exception. It is non toxic, odourless and non-irritating to the skin or eyes. It is biologically inert, contains no HCFCs, is safe for the environment and can be recycled.

Reliable Sales & Service

As Australia's largest producer of Expanded Polystyrene products and with over 50 years of experience it means you can trust RMAX for sales, service and delivery. All our staff are experienced and are available to advise and answer your all queries. Simply contact your local state office and ask to speak to a RMAX OrangeBoard™ consultant today.

Attributes

| | | | |
|--------------------------|-----|----------------------------|-------|
| Exterior/Interior use | Yes | Curved applications | Yes |
| Structurally stable | Yes | Moisture and rot resistant | Yes |
| Suitable for render base | Yes | Wind loading for reg. A&B | Yes |
| Easy installation | Yes | Thermal rating (75mm) | R2.45 |
| | | (100mm) | R3.1 |
| Special custom sizes | Yes | | |

Standard RMAX OrangeBoard™ 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

Residential



Commercial



Industrial



INSULATED CLADDING SYSTEM

- A - RMAX **OrangeBoard™** - **Insulated Cladding**
- B - RMAX **OrangeBoard™** - **Primer**
- C - RMAX **OrangeBoard™** - **Renderd**
- D - RMAX **OrangeBoard™** - **Wall Mesh**
- E - RMAX **OrangeBoard™** - **Fixing Accessories**

RMAX recommends the use of it's premium-grade RMAX **Orange Board™** Insulated Cladding System to those building professionals who seek the highest possible finish with consistant results. It comprises a selection of high quality, components that are fully intergrated and have been specifically designed to compliment each other at every stage of construction to produce outstanding results.



RMAX **Orange Board™** is suitable for virtually all external building frames and provides a strong and secure surface when installed in accordance with Australian building regulations.



RMAX **Orange Board™** will accept all recognised render products and is the ideal surface for a wide range of painting and decorative rendering techniques.



...light to lift



...easy to shape



...easy to fix



...perfect for render

...the smart choice **for building professionals**



RMAX Environmental EPS

RMAX 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 is recovered within six months by the energy saved in the buildings when EPS is used to insulate the building.

RMAX EPS products do not contain ozone depleting substances and none is used in its manufacture.

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

Recycling EPS

EPS products are recyclable and RMAX has established recycling facilities in all of our plants throughout Australia. RMAX is a member of PACIA (Plastics and Chemical Industries Association) and helped establish the EPS Industry Group, known as REPSA (Recycling Expanded Polystyrene Australia). RMAX, through REPSA plays a major role in facilitating the collection and recycling of EPS in Australia.

Energy Efficient Manufacture

The manufacture of EPS is a low pollution process. Steam is the key ingredient and the water is used many times. There is no waste in production as all cut offs or rejects are re-used.

RMAX - Innovation Working for You

RMAX 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.

In the Australian building industry, RMAX was the first to introduce termite resistant expanded polystyrene (EPS) - Isolite® PerformGuard EPS. The exclusive patented technology incorporates a safe, non-toxic inorganic additive that is a deterrent to termites.

Identified by its grey colour, this material has been incorporated into ThermaWallPlus reinforced EPS exterior cladding to create a unique and valuable material for the building industry.

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.



Australia's Largest

Rigid Cellular Plastics Manufacturer

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

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

The pictures and illustrations shown in this brochure are for illustrative purposes only to demonstrate creativity, design and construction flexibility. They do not imply that RMAX Orange Board™ was used in their construction.



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RMAX is a division of Huntsman Chemical Company Australia Pty. Limited
ABN 48 004 146 338

RMAX
Innovation working for you



Certificate of Accreditation

RMAX ORANGEBOARD EXTERNAL POLYSTYRENE INSULATED CLADDING SYSTEM

RMAX Pty Ltd
2 – 4 Mephan Street
MARIBYRNONG VIC 3032

has applied to the Building Regulations Advisory Committee for the accreditation of the **RMAX ORANGEBOARD EXTERNAL POLYSTYRENE INSULATED CLADDING SYSTEM**, as suitable for use as a wall cladding system in Class 1 and associated Class 10 buildings.

The Building Regulations Advisory Committee appointed under Division 4 of Part 12 of the *Building Act 1993* has examined the application and determined that the **RMAX ORANGEBOARD EXTERNAL POLYSTYRENE INSULATED CLADDING SYSTEM** complies with Performance Requirements:

P2.1 and P2.2.2

of Volume Two of the *Building Code of Australia 2010* as adopted by the *Building Regulations 2006*, to the extent that those Clauses refer to the structural stability, resistance to wind action and rainwater action, and weatherproofing of the system, subject to the following conditions:

1. This accreditation is limited to:
 - Class 1 and 10 buildings.
 - Maximum installation height above ground level of 10 metres.
 - Buildings built in wind terrain categories 2 to 3 as per Australian Standard AS 4055 – 2006.
2. The system must be installed in accordance with RMAX OrangeBoard Insulated Cladding System Technical Data Manual (Published June 2010).
3. The system must only be used with breathable sarking directly behind the panels.

4. The packaging of the polystyrene panels shall be stamped, or otherwise marked with a legible, permanent label stating that the system must incorporate a vapour permeable sarking membrane between the polystyrene panels and the frame. If the panels are to be sold individually and not pre packaged, the back of each panel shall be stamped, or otherwise marked with a legible, permanent label stating that the system must incorporate a vapour permeable sarking membrane between the polystyrene panels and the frame.
5. The system is only to be installed on timber or steel framework.
6. The fastenings shall be in accordance with the following table:

| Fasteners | Timber frame | Steel frame |
|------------------------|---|---------------------------------|
| Screw (100mm panel) | 10G x 125mm CSK Head coarse ribbed Class 3 | 10G x 115mm Wing Tek Class 3 |
| Screw (75mm panel) | 10G x 100mm CSK Head coarse ribbed Class 3 | 10G x 90mm Wing Tek Class 3 |
| Washer | 40mm diameter plastic OrangeBoard washer | |

7. All fastenings must be protected against corrosion as set out in table 3.3.3.1 of the Building Code of Australia Volume Two.
8. All fixtures and features attached to the wall must be secured into the wall framing.
9. Render must be applied to the panels in accordance with the render manufacturer's installation requirements. There must be a minimum of two coats of render with one layer of embedded mesh between coats and one coat of primer/sealer preparation.

Date issued: 3 September 2010

Certificate Number: V10/03



Colin McBurney
Secretary