





Why IBS?

Since 1993, IBS has been working with the top building products producers from around the world to bring New Zealand a panel product range to help Kiwis build better.

We're always looking for what product is new and improved in the world market as well as developing new products right here in New Zealand. Our products go through a rigorous internal testing process as well as being third party verified to ensure that they are certified to comply with New Zealand building code requirements and standards.

We also make sure that our products are supplied from a sustainable renewable resource.

IBS Mission Statement

IBS strives to be New Zealand's leading provider of quality panel products.

With a vast range of sustainably sourced products from around the world, we aim to give our customers the best service, best product and best range.

The IBS (Independent Building Supplies) team is committed to providing quality building products backed up with testing and documentation to make our products reliable, along with knowing that they come from a sustainable renewable resource.

We search the world and NZ to find the best panel products, test them to make sure that they are the best and send them around the country to help Kiwis build better.

Order a sample

If you're interested in any of our products, contact our team to find out more or order a sample.

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What is RigidRAP®-XT?

IBS RigidRAP®-XT is the only Tri-layer Rigid Air Barrier system available in New Zealand with a thermal break laminated on the back of each board.

IBS RigidRAP®-XT is an 8mm OSB3 product that has been laminated with an approved building paper to give your house dual protection from the weather during your building process as well as a thermal break graphite polystyrene board on the inside making it ideal for steel frame buildings.

IBS RigidRAP®-XT is not only a temporary weather cladding but it also provides bracing. The product is lightweight, easy to cut nail or screw, and can be exposed to the weather for up to 90 days.



Our RigidRAP®-XT product range

IBS RigidRAP®-XT Product Details			
L x W x Thickness (mm)	Weight (kg)	IBS Product Code	GTIN
2440 x 1196 x 18	15	RRAPXT182412	09421028769891
2745 x 1196 x 18	16.8	RRAPXT182712	09421028769907
3050 x 1196 x 18	18.7	RRAPXT183012	09421028769914

Why RigidRAP®-XT?



Tri-Layer

- Micro-porous water resistant polypropylene film laminated between two layers of spunbonded polypropylene
- Platinum backing board which is a 10mm lightweight rigid foam composition
- R-Value of 0.39



Weather tightness

- Rapid moisture protection of the building
- Weather tightness



Easy to install and handle

- Lightweight board - one-man lift
- Easy to cut, nail, screw and drill
- Speed up construction by working inside and outside the building at the same time
- Multiple tape options



Durable and suitable for steel framed buildings

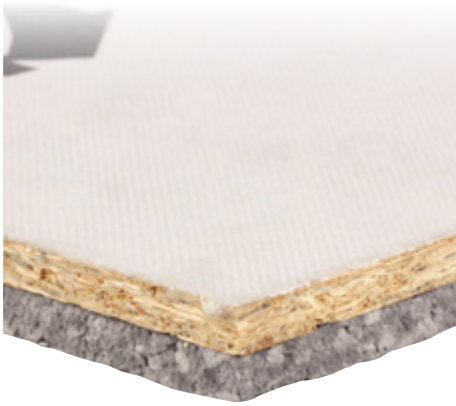
- Reduces structural timber movement
- Provides both structural support
- Rigid structure



Certified and compliant

- CodeMark certified
- Fit for purpose AS/NZS 1604.2
- Continuous third party testing
- Hard wearing exposure tested by SCION NZ

Where can I use RigidRAP®-XT?



Make your house warmer – quieter & stronger with IBS RigidRAP®-XT.

IBS RigidRAP®-XT is not only a temporary weather cladding but it also provides bracing. The product is lightweight, easy to cut, nail or screw, and can be exposed to the weather for up to 90 days.

IBS RigidRAP®-XT replaces the traditional building paper wrap to above all support a healthier, stronger home.

IBS RigidRAP®-XT can be used as an external wall bracing element when used in conjunction with a specific fixing system or a thermal break for steel frames.



Certifications and Compliance

- CodeMark Certified (CM70091)
- CE certified under EN 13986 and produced in accordance with EN 300
- Continuous third party testing through an independent notified body in the EU
- Hard-wearing exposure tested by SCION New Zealand (90 days exposure)
- Meets all requirements of the New Zealand Building Code (NZBC)



IBS RigidRAP®-XT comes laminated with a watertight wall underlay.

Coupled together with the board itself and a 10mm rigid foam, it provides piece of mind no matter the weather conditions outside.



What is a rigid air barrier?

Why just wrap your home with a piece of paper when you can wrap it with a strong durable panel that braces your home and makes your home healthier and warmer.

By installing a rigid air barrier such as RigidRAP-XT, this will speed up the construction of your project, allowing you to work inside the building at the same time as working outside.

This can speed up your move-in date by three to four weeks on a standard house construction.

With the added security on-site by installing RigidRAP-XT, the benefits don't stop there.

Having a solid panel on both sides of your insulation will mean that there will be no sagging over time and the costs savings on heating and cooling your home can be enjoyed for many years.

A rigid air barrier such as RigidRAP-XT also acts as a second line of defence should there be an issue with your exterior cladding stopping the water from coming inside your home.

What is OSB3?

OSB3 (oriented strand board 3) is a moisture resistant, structural wood panel. Engineered in Germany from environmentally sustainable sourced softwood, it consists of three layers of wood strands bonded together with heat-cured adhesives. Each layer is orientated at right angles to the adjacent layer creating a strong, dimensionally stable panel that resists delamination and warping. The absence of natural imperfections such as knots provides certainty of performance.

What makes OSB so strong is due to it being made of three layers, the top and bottom 25% layers are laid running the length of the sheet middle 50% is laid running the width of the sheet. This creates a strong structural panel that is resistant to delamination and warping.



Scan the QR code to view all
IBS RigidRAP®-XT documents.

