Kronobuild®
OSB

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kronospan
Wood, perfected

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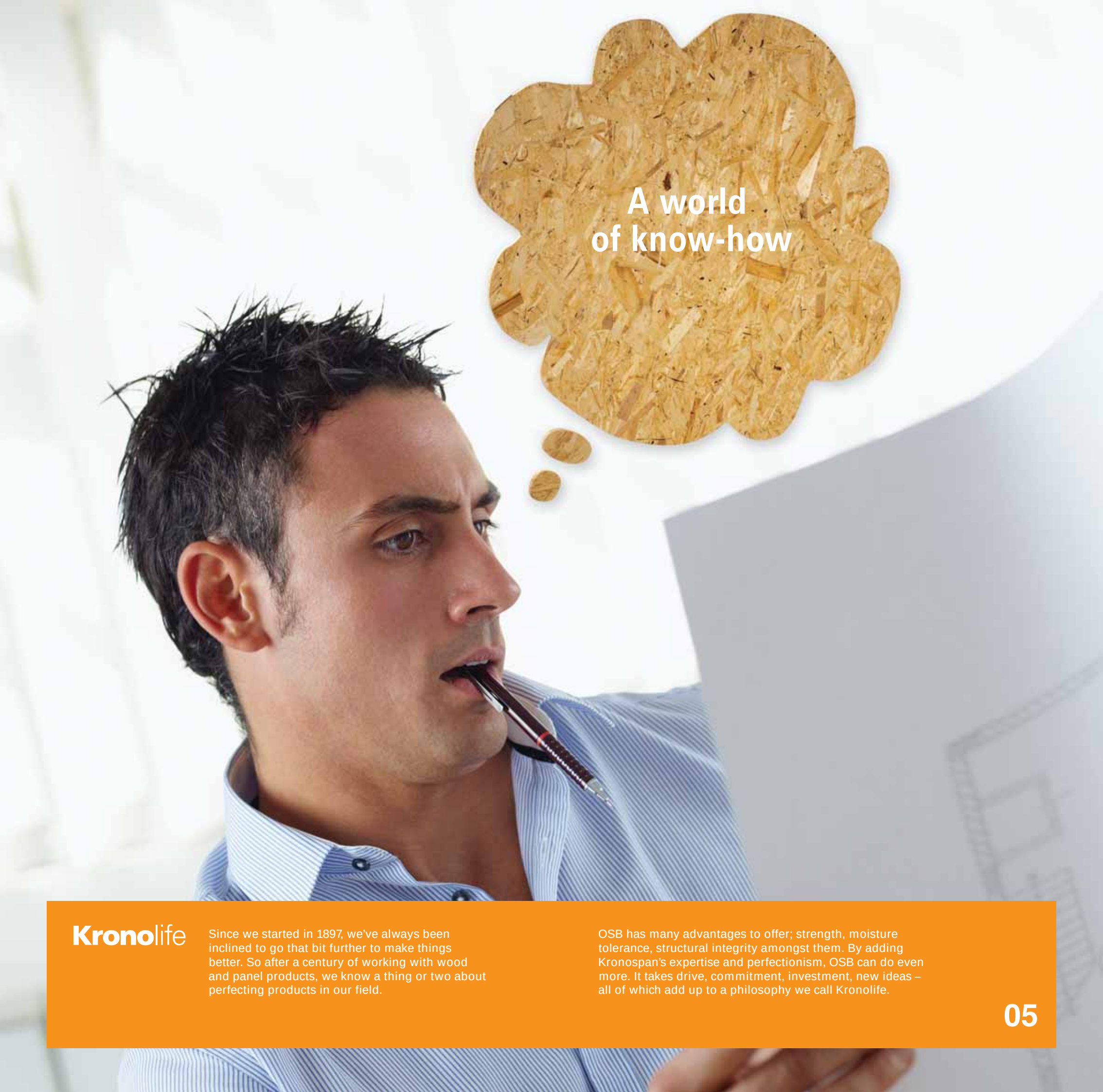
Kronobuild®

OSB, perfected

Kronospan can’t help but want to improve on whatever the current standard may be – perfectionism is in our DNA. So when it comes to Oriented Strand Board (OSB), we’ve applied our considerable expertise and resources to making OSB even better. Building on strengths, eliminating weaknesses – working for perfection is what we do best.

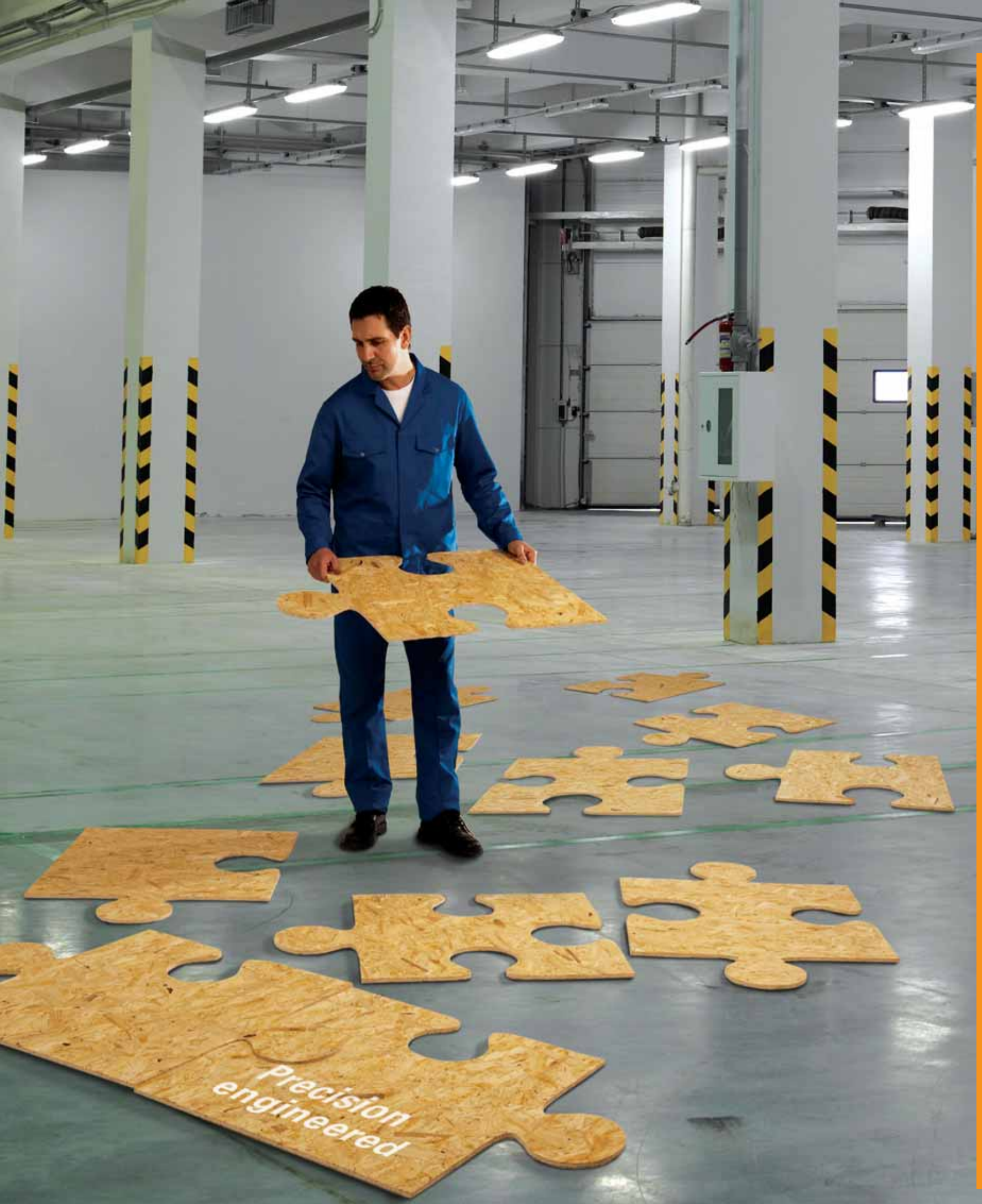
Contents



Kronolife

Since we started in 1897, we've always been inclined to go that bit further to make things better. So after a century of working with wood and panel products, we know a thing or two about perfecting products in our field.

OSB has many advantages to offer; strength, moisture tolerance, structural integrity amongst them. By adding Kronospan's expertise and perfectionism, OSB can do even more. It takes drive, commitment, investment, new ideas – all of which add up to a philosophy we call Kronolife.

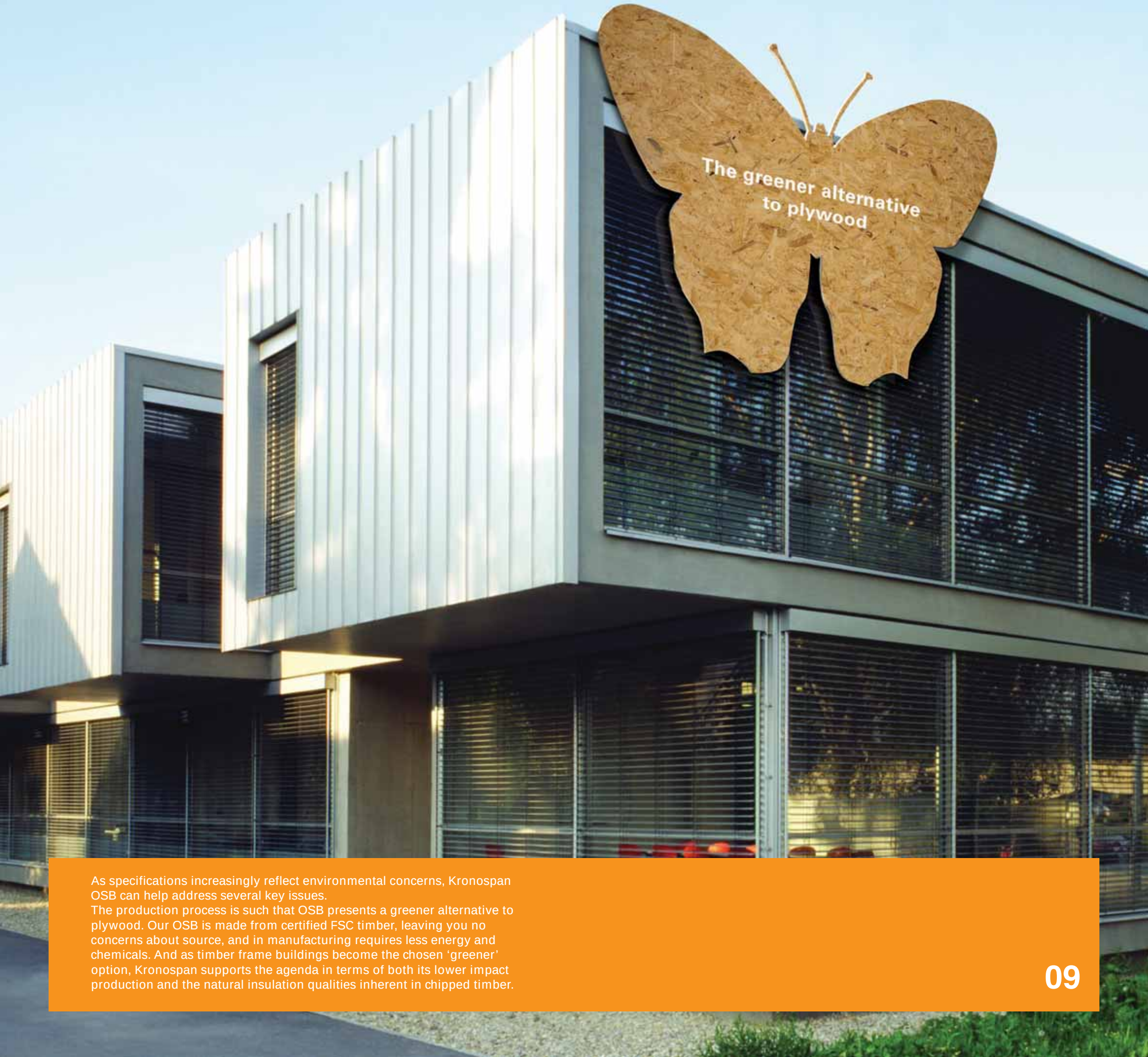


Oriented layers, precisely sized strands

The Kronospan pedigree in engineered board feeds in to the precision and integrity of our OSB. Using selected virgin FSC traceable timber, we have the capability to debark and wash the material, and chip it precisely – to standards which deliver exceptional quality.

The accurate layering of these high quality strands and our highly evolved ‘recipe’ produces optimized OSB, in two and three layer formats.

Kronospan OSB’s strength allows varied structural applications. It also allows interior designers more -latitude in terms of finishes, in clearcoats, colours, waxes and oils.



As specifications increasingly reflect environmental concerns, Kronospan OSB can help address several key issues.
The production process is such that OSB presents a greener alternative to plywood. Our OSB is made from certified FSC timber, leaving you no concerns about source, and in manufacturing requires less energy and chemicals. And as timber frame buildings become the chosen ‘greener’ option, Kronospan supports the agenda in terms of both its lower impact production and the natural insulation qualities inherent in chipped timber.

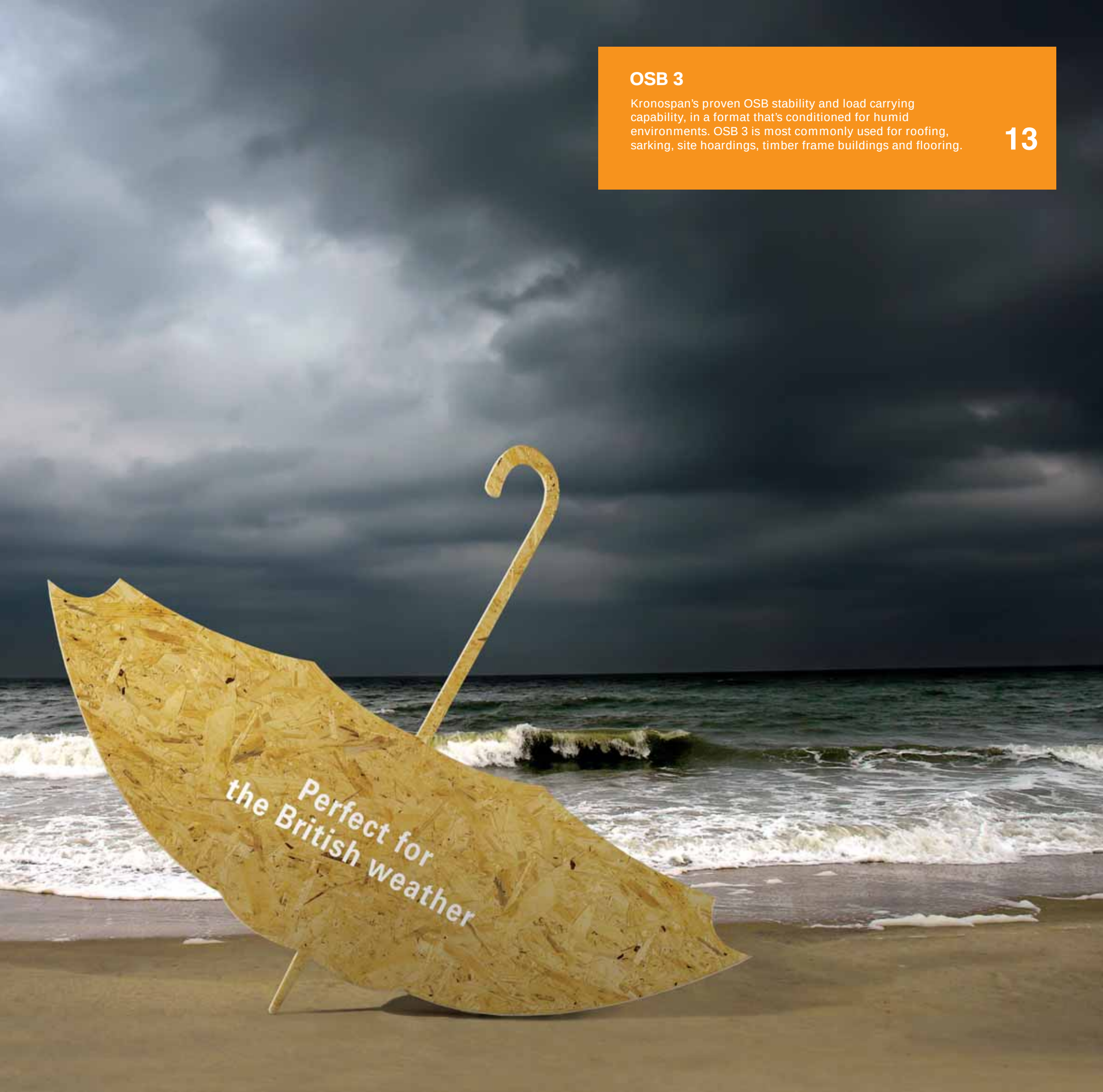
Built for strength

OSB 2

A high performance board that offers powerful dimensional stability and load bearing strength. Perfect for dry conditions. Commonly used for shelving and platform construction, pallet manufacture, packaging, boarding up, signboards, upholstered furniture frames, shopfitting, bar and hotel fitting, exhibition stands.

OSB 3

Kronospan's proven OSB stability and load carrying capability, in a format that's conditioned for humid environments. OSB 3 is most commonly used for roofing, sarking, site hoardings, timber frame buildings and flooring.

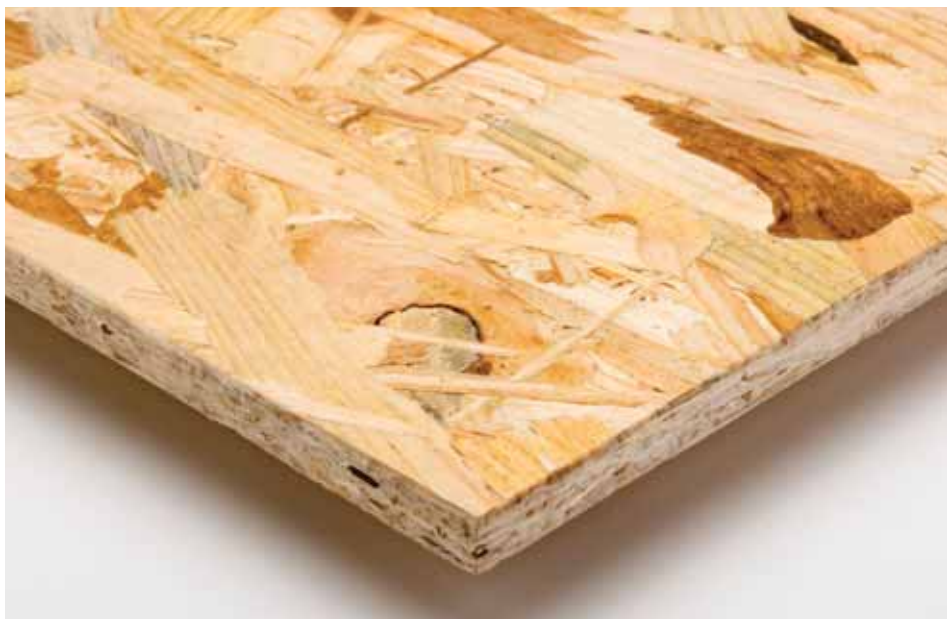


OSB 2

OSB2 provides considerable structural strength and durability from its engineered layered orientation.This grade is ideal for applications where dimensional stability and load bearing capabilities are required, in dry conditions.

OSB2: Standard Sizes: 11 & 18mm thicknesses in 2440 x 1220 sheets.
Many additional sizes are available on request.

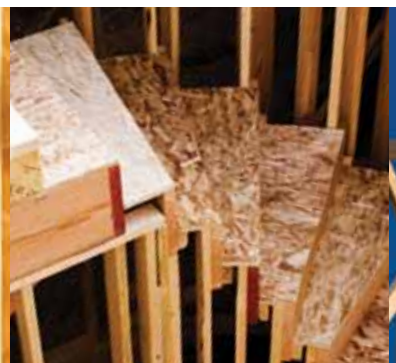
OSB 3



The extra layer in Kronospan OSB3 provides the same excellent structural and durability characteristics of OSB2, but with the additional benefit of resistance to humidity.
Kronospan OSB3 is ideal for roofing, sarking, timber frame buildings, flooring and hoardings.

OSB3: Standard Sizes, 11, 15 & 18mm thicknesses in 2440 x 1220 sheets.
Many additional sizes are available on request.





Products, samples, applications, technical specifications
and a whole lot more. Everything you need to know
about us and everything we can do to help you.
All available 24:7 at www.kronospan.co.uk

Our building site is purpose built to help you

Kronobuild®

Working with OSB

General

Kronospan OSB is manufactured to strict quality standards to guarantee a board of consistent characteristics and low environmental impact.

And unlike plywood, Kronospan OSB is free from knot replacement sections, cracks and potential weaknesses in the inner layer.

Transport and Storage

Lay panels flat on same thickness support blocks arranged a maximum of 600mm apart, or on pallets. Protect edges from water penetration. Store off the ground in enclosed, dry areas or under adequate waterproof but moisture-permeable sheet.

Humidity Control

Condition boards by storing for 48 hours or more in their intended installation environment.

Kronospan OSB is delivered with a moisture content of 8%, + or – 3%.

Cutting, Profiling and Drilling

All common woodworking tools can be used successfully with Kronospan OSB. As a general rule, cutting speeds should be lower than for conventional wood.

Coating and Laquering

Kronospan OSB in exterior applications should be treated thoroughly on faces and edges with an appropriate coating, as recommended by a reputable paint producer. Avoid using OSB in areas exposed directly to the weather.

OSB in interiors can be coated with virtually any lacquer, oil or wax. Water-based finishes are not recommended, as they can cause strand swelling.

Fastenings

Corrosion resistant fasteners should be used where OSB is part of a load bearing structure. Structural fastening systems are only permitted if their use has been approved by the manufacturer.

Installation

When Kronospan OSB forms part of an external or internal timber framed wall, allow a minimum 3mm expansion gap between boards. Where boards abut a rigid upstand this gap should be 10-15mm. Long walls may require more gaps, given a possible overall expansion range of 2mm per metre lengthways.
This is in addition to the 3mm expansion gap already described.

Environmental

Kronospan OSB is manufactured from de-barked pine from well-managed forests. Most of the energy used in its production is recovered from our plant's waste heat – making a significant reduction in the product's carbon 'footprint'.

For more specific technical details relating to working with Kronospan OSB, please visit www.kronospan.co.uk