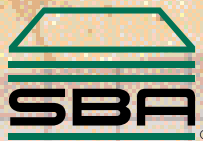
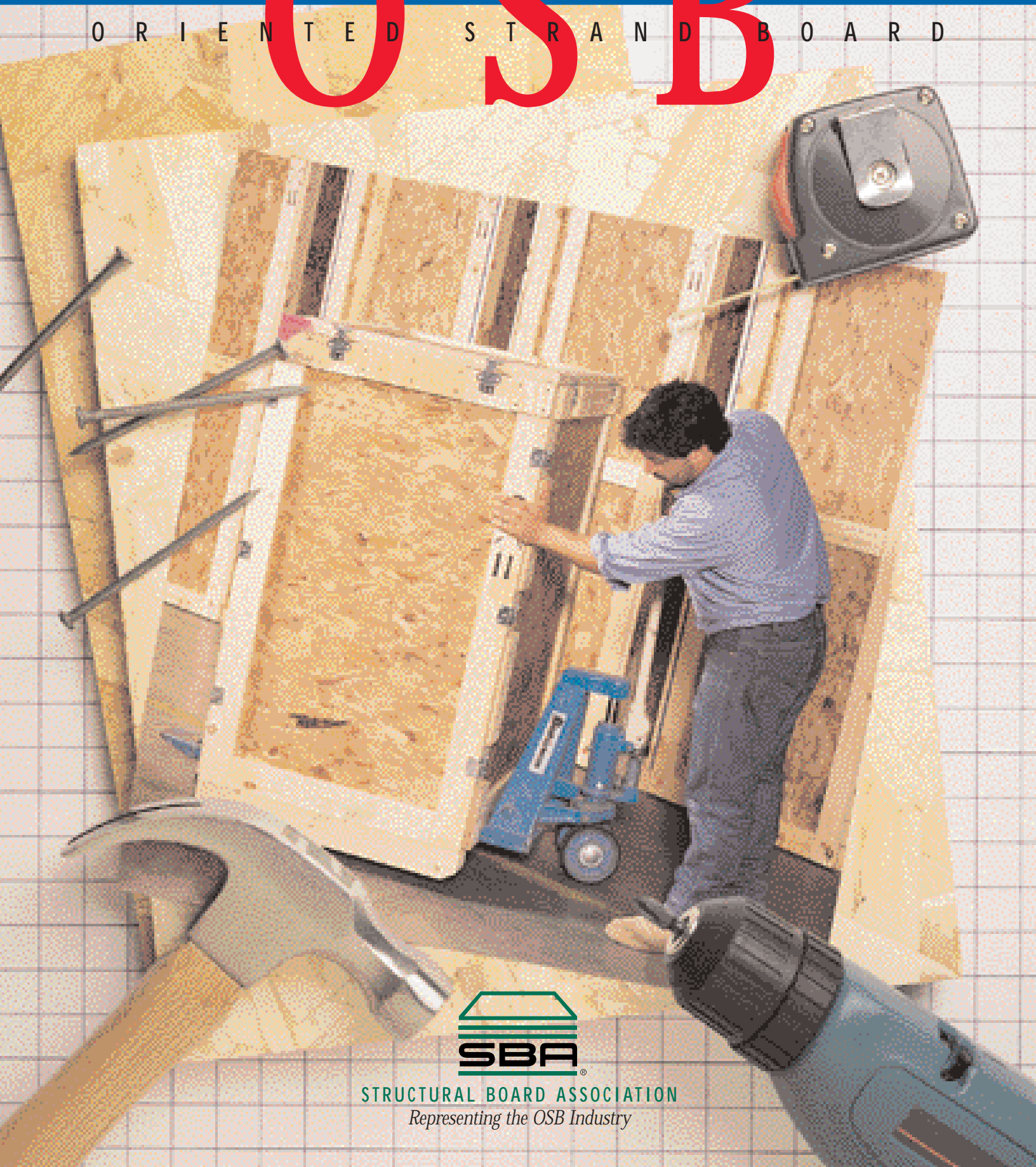


PERFORMANCE BY DESIGN[®]

OSB

O R I E N T E D S T R A N D B O A R D



STRUCTURAL BOARD ASSOCIATION

Representing the OSB Industry

Versatility By Design.

ORIENTED STRAND BOARD — ON THE CUTTING EDGE.

Wood has always been one of man's most essential materials. And today, science has allowed us to engineer a wood panel that delivers exceptional performance. It is oriented strand board (OSB) – providing uniformity, strength, and versatility that could change the way you look at structural panels forever.

As a truly *engineered* product, OSB is **not** chipboard, flakeboard, plywood, or particleboard. It is specifically designed to be the most dependable, versatile, environmentally efficient wood panel on the market today. OSB is structurally **engineered for performance** in a wide variety of industrial uses.

Because it's engineered, OSB can be custom manufactured to meet specific requirements in thickness, density, panel size, surface texture, strength and rigidity.

AN EFFICIENT, EFFECTIVE PANEL.

OSB's uniformity makes it ideal for a variety of uses. With no core voids, knotholes, or delamination problems, you can use OSB with confidence, and work without waste.

Performance-based OSB is rapidly becoming a worldwide standard. Panels are designed and engineered for numerous industrial applications including:

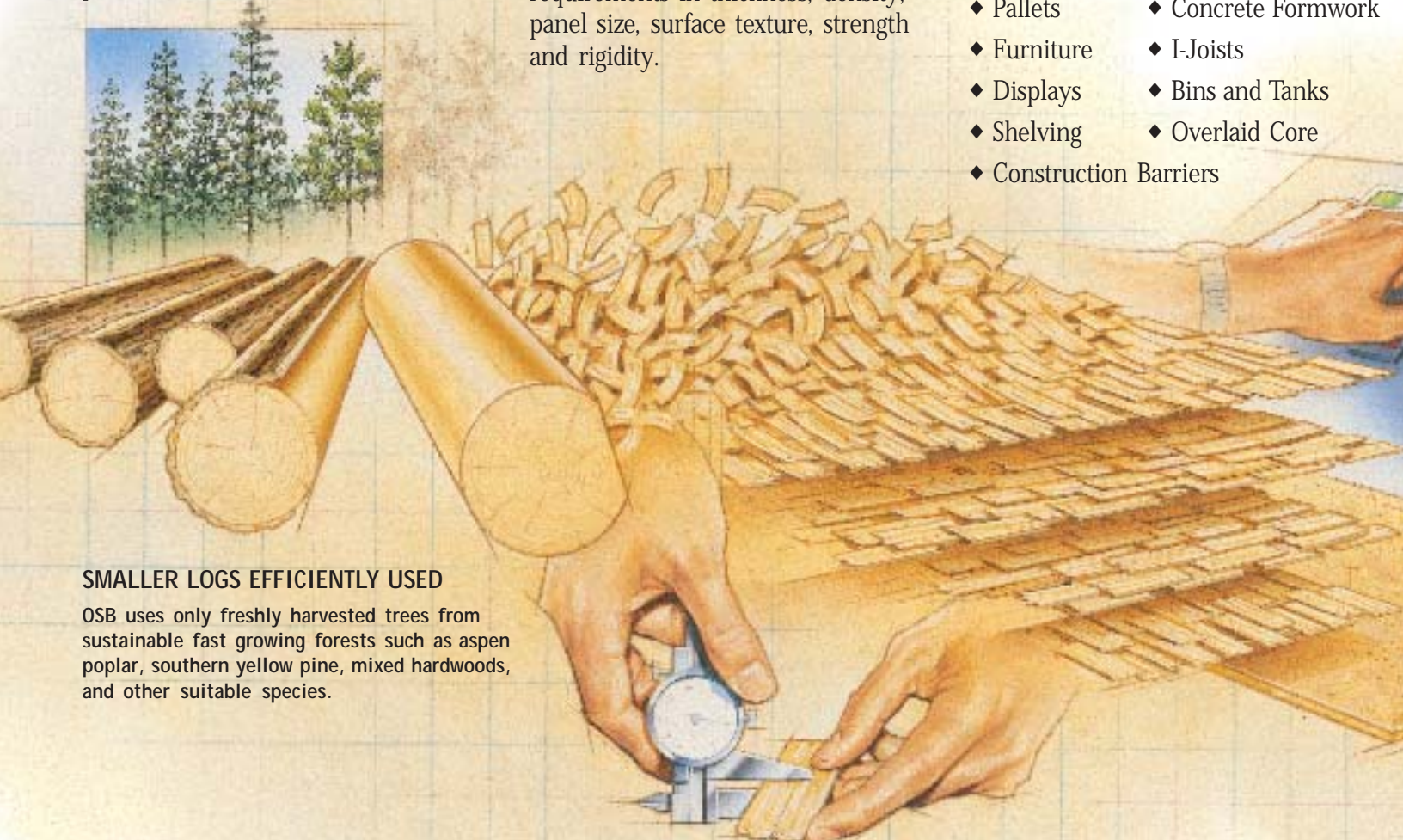
- ◆ RV/Campers
- ◆ Racks
- ◆ Truck Bodies
- ◆ Packaging/Crating
- ◆ Pallets
- ◆ Concrete Formwork
- ◆ Furniture
- ◆ I-Joists
- ◆ Displays
- ◆ Bins and Tanks
- ◆ Shelving
- ◆ Overlaid Core
- ◆ Construction Barriers

SMALLER LOGS EFFICIENTLY USED

OSB uses only freshly harvested trees from sustainable fast growing forests such as aspen poplar, southern yellow pine, mixed hardwoods, and other suitable species.

UNIFORM STRANDS MEAN UNIFORM BOARDS

The trees are cut to length, debarked and processed into precise strands averaging 4" long and 1" wide. The strands are dried, blended with resin binder and wax, and formed into large continuous mats.



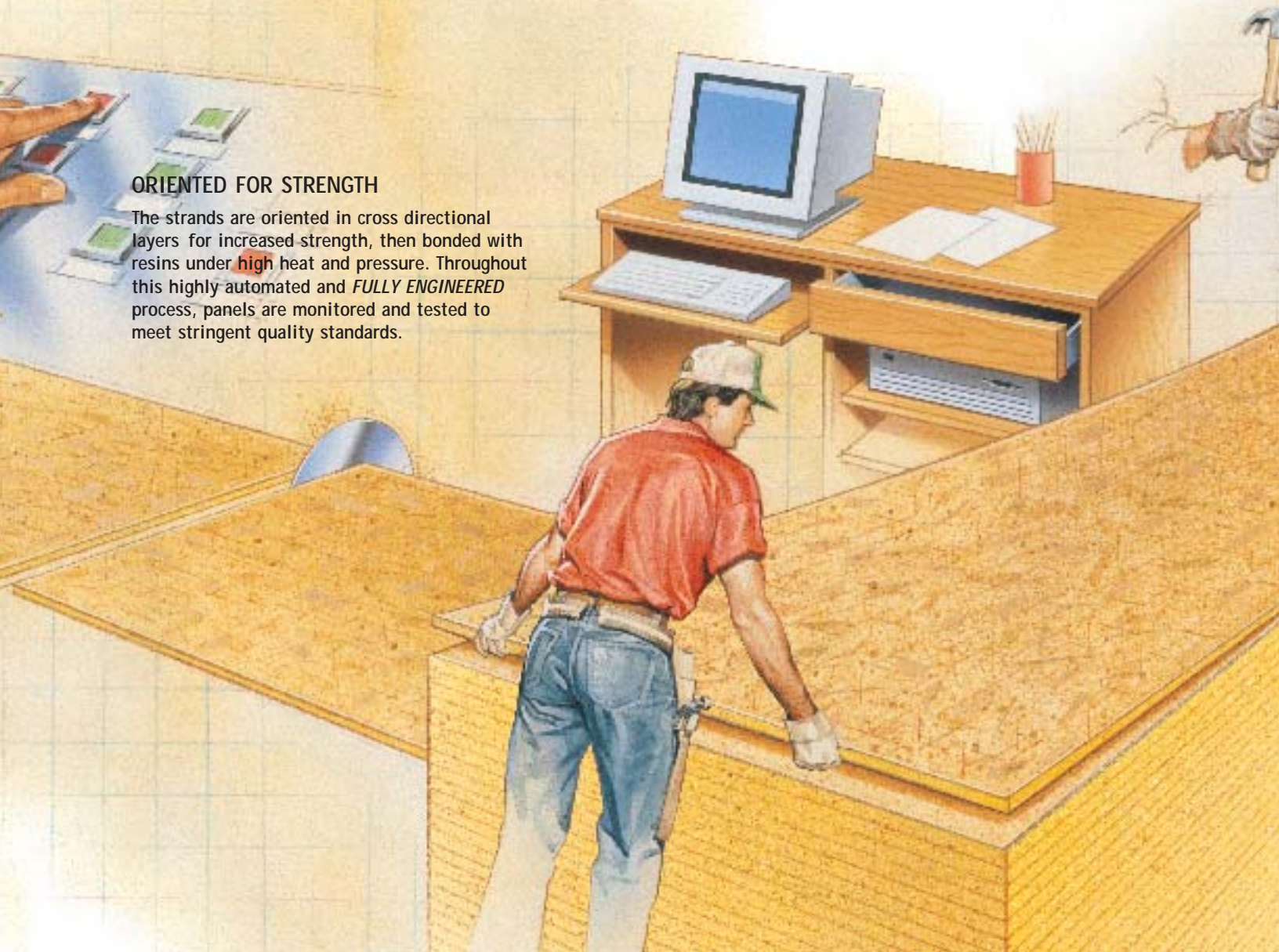


WHEN IT COMES TO PERFORMANCE, OSB DELIVERS.

OSB is a performance-based structural panel. That means you can depend on panels meeting specific performance requirements. Span ratings are stamped on each panel. These ratings denote maximum recommended spacing of supports for load-bearing conditions. OSB also is Exposure 1 rated, which means that it is designed to perform in applications where construction delays may be encountered. OSB does require the same degree of care as other wood products, such as avoiding prolonged direct contact with rain or standing water.

ORIENTED FOR STRENGTH

The strands are oriented in cross directional layers for increased strength, then bonded with resins under **high** heat and pressure. Throughout this highly automated and *FULLY ENGINEERED* process, panels are monitored and tested to meet stringent quality standards.



OSB SPANS THE TEST OF TIME.

Span ratings are equivalent on an equal thickness to construction plywood, with over-size panels available to maximize construction efficiency and minimize joints. Unlike plywood, OSB structural panels are manufactured in sizes to meet most application needs. Panels can also be custom cut for specialized industrial applications.

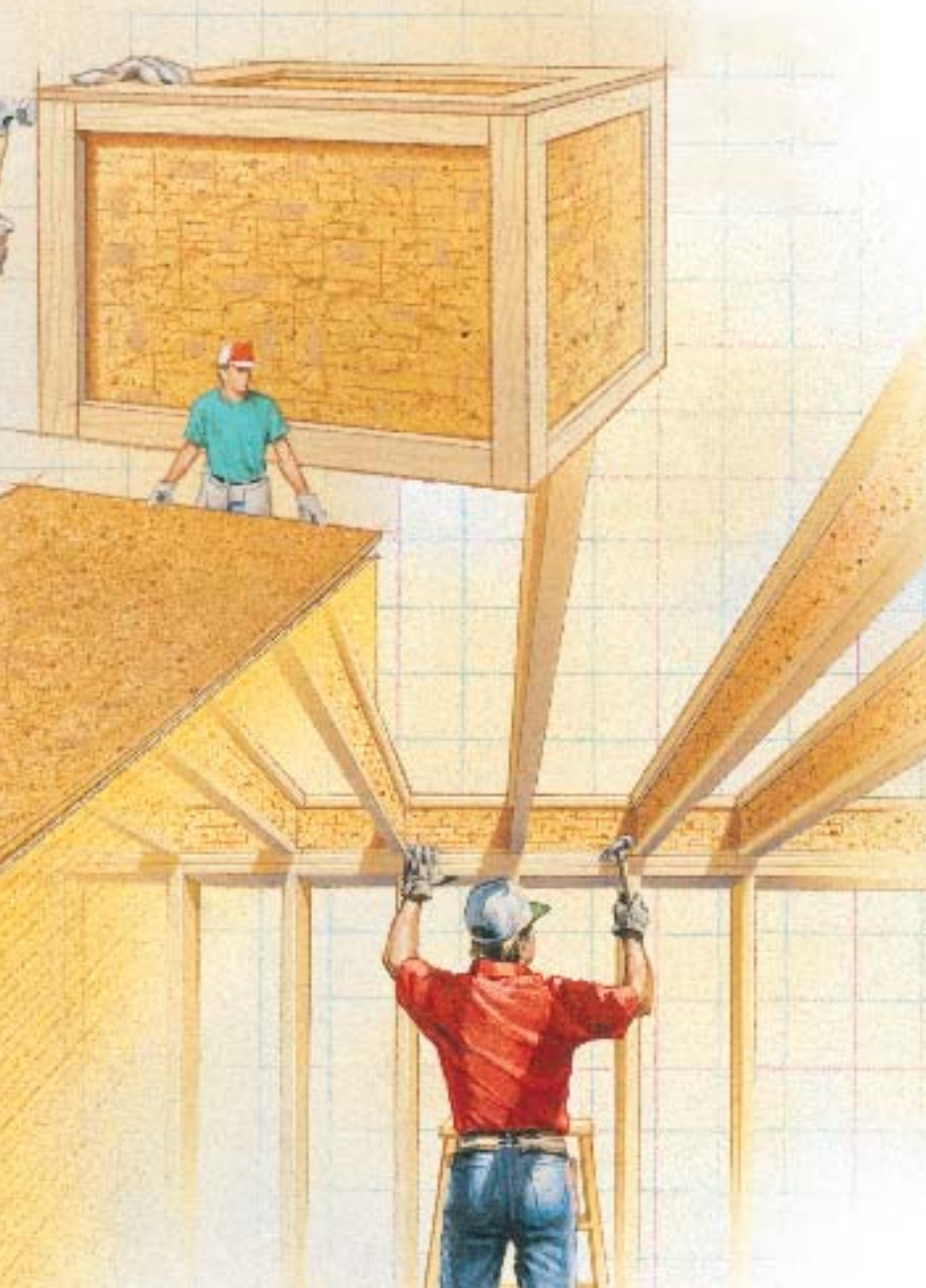


THERE'S A PANEL TO MEET YOUR NEED.

Thicknesses range from 1/4" to 1-1/4". Common thicknesses are 1/4", 5/16", 3/8", 7/16", 15/32", 1/2", 19/32", 5/8", 23/32", 3/4", and 7/8". Other thicknesses are available on special order. Panels 19/32" and thicker are manufactured either square-edged or tongue and groove.

TRULY AN EXCEPTIONAL PRODUCT.

OSB is easy to saw, drill, nail, plane, file or sand. Nails can be driven as close as 1/4" from the panel edge without splitting or breaking out. (However, an edge distance of 3/8" is recommended for structural applications.) Panels may be glued with any adhesive recommended for wood, and may be painted with any quality wood-paint system. Panels can be either unsanded, touch sanded, or full sanded on one or both sides for industrial or decorative uses.



OSB – The Industrial Solution



Since OSB is *engineered to perform*, it is adaptable to your specific industrial application. OSB is the logical choice for...

- ◆ Strength
- ◆ Stiffness
- ◆ Thermal & Acoustical Properties
- ◆ Fire Resistance
- ◆ Impact Resistance
- ◆ Workability

Oriented Strand Board performs well in most applications where plywood is used. Industrial specifiers have come to favor its performance, pricing and versatility.

QUALITY ASSURED.

Specific performance requirements are quality assured by approved certification organizations.

GUARANTEE.

Each SBA member company guarantees that its panels are manufactured in accordance with the applicable North American standards.

INDUSTRIAL STRENGTH APPLICATIONS.

OSB's consistency and strength make it a better value than other panels for industrial applications. Here's how:

- ◆ Quality assured design values for tension, compression, flexure, axial strength, shear, and bearing are available for non-standard uses.
- ◆ Panels are consistent in manufacture, with the same face and back.
- ◆ Panels are competitively priced with plywood, plus their versatility and uniformity virtually eliminates most waste.
- ◆ Availability in a wide range of thicknesses and sizes makes OSB adaptable to many special use applications.
- ◆ Edge coating and exterior grade resin binders are moisture resistant, making OSB appropriate on sites where panels may encounter construction delays.

OSB AND THE ENVIRONMENT.

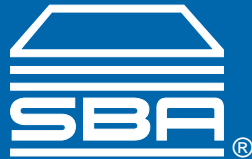
The wood for OSB is grown in sustainable managed forests and tree farms, and the manufacturing of OSB uses nearly 90% of the log. Mills typically convert the remaining bark, saw trim, and sawdust into energy.

Modern mills – costing more than \$150 million – are scientifically designed to meet or exceed strict quality standards for environmental safety set by the regulatory authorities.

OSB structural panels are safe to use, having passed strict quality assurance standards adopted by all SBA-member mills. There's no measurable offgassing of formaldehyde or other gases. In fact, resin binders and waxes are stabilized and completely cured during the manufacturing process.



For further details regarding OSB codes and specifications, contact:



Structural Board Association

Representing the OSB Industry

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Member of the
Wood Panel Bureau

Member of the Sustainable
Forestry Certification Coalition

Member of the North American
Coalition on Green Building