



TERRAMICA PARTICLEBOARD



Terramica from Potlatch. Particleboard Just Got a Little Greener.

Terramica particleboard from Potlatch combines all of the environmental benefits of a 100% pre-consumer recycled wood fiber and no Urea Formaldehyde added particleboard product with the highest quality standards you expect from a Potlatch product. In fact, third party verification shows formaldehyde emissions no greater than those you'd find in outdoor air. That means Terramica compares favorably to agri-fiber based products and other wood-based panels that use MDI resin.



WWW.POTLATCHCORP.COM

Terramica from Potlatch

BENEFITS OF TERRAMICA INCLUDE:

- Near Zero-formaldehyde emission particleboard from Potlatch
- Contributes to Leadership in Energy and Environmental Design (LEED) credits (see chart below).
- Manufactured for a wide variety of uses, including shelving, countertops, cabinets, millwork, furniture and fixtures.
- No Urea Formaldehyde added
- Readily available from one of North America's leading particleboard manufacturers.
- Made from white wood species mix (Pine, Douglas Fir, Larch and Hemlock) for better machinability and easier color-matching in finishing applications.
- Precision face sanding means a smoother surface for better adhesion to laminates.
- Proven performance
- Moisture resistant
- Improved dimensional stability

PHYSICAL AND MECHANICAL PROPERTIES

Potlatch Particleboard meets or exceeds ANSI A208.1-1999 standard for the following:

Units	Underlayment Grade (PBU) Imperial (Metric)	Industrial Grade (M2) Imperial (Metric)	Industrial grade (M-3) Imperial (Metric)
Density	43.0#/cu.ft. (689kg/m ³)	44-46#/cu.ft (705-737kg/m ³)	45-47#cu.ft. (721-753kg/m ³)
Modulus of Rupture	1595 p.s.i. (11N/mm ²)	2103 p.s.i. (14.5N/mm ²)	2393 p.s.i. (16.5N/mm ²)
Modulus of Elasticity	250200 p.s.i. (1725 N/mm ²)	326300 p.s.i. (2250 N/mm ²)	398900 p.s.i. (2750 N/mm ²)
Internal Bond	58 p.s.i. (0.40 N/mm ²)	65 p.s.i. (0.45N/mm ²)	80 p.s.i.(0.55N/mm ²)
Linear Expansion	0.35% Max Avg.	0.35% Max Avg.	0.35% Max Avg.
Hardness Janka Ball	500 pounds (2225 N)	500 pounds (2225 N)	500 pounds (2225 N)
THICKNESS TOLERANCES			
Panel Average from Specified	±0.015 inch (±0.375mm)	±0.008 inch. (±0.200mm)	±0.008 inch (±0.200mm)
Variance from Panel Average	±0.010 inch (±0.250mm)	±0.004 inch (±0.100mm)	±0.004 inch (±0.100mm)
DIMENSIONAL TOLERANCES			
Length Tolerances	+0 (+0)	+0.080 inch (+2.0mm)	+0.080 inch (+2.0mm)
Width Tolerances	-0.160 (-4.00mm)	-0.080 inch (-2.0mm)	-0.080 inch (-2.0 mm)
SCREW HOLDING			
Face	No Standard	225 pounds (1000 N)	247 pounds (1100 N)
Edge	No Standard	202 pounds (900 N)	225 pounds (1000 N)

TERRAMICA LEED CREDIT AND POINT INFORMATION

LEED Category	Requirement	Possible Credits/Points	Terramica Qualification
Indoor Environmental Quality IEQ 4.4	Composite wood products must contain no added urea-formaldehyde resins	1 point	Terramica has no added urea formaldehyde resins
Materials and Resources MR 4.1	Sum of recycled content constitutes at least 10% of material in the project	1 point	Terramica is 100% pre-consumer
Materials and Resources MR 4.2	Sum of recycled content constitutes at least 20% of material in the project	1 point in addition to MR 4.1	Terramica is 100% pre-consumer
Materials and Resources MR 5.1	Use minimum of 20% of combined value of construction materials and products manufactured within a 500 mile radius	1 point	Terramica is manufactured in Post Falls, ID., and may contribute based on project location.
Materials and Resources MR 5.2	In addition to requirements of MR 5.1, use a minimum of 10% of the combined value of construction materials and products extracted, harvested, or recovered as well as manufactured within 500 miles of the project	1 point	Terramica is manufactured in Post Falls, ID., and may contribute based on project location.