

Benefits

Roseburg UltraBlend Door Core panels are manufactured at our vertically integrated composite panel production facility in Dillard, OR. Door Core panels are engineered to meet the specific requirements of the residential and commercial door industry. Panels are produced to meet ANSI specified properties for the LD-2 Grade of Door Core.

Properties

Listed below are physical and mechanical properties for UltraBlend Door Core. Mechanical properties are results of tests conducted in accordance with ASTM D 1037-06a, "Standard Test Methods for Evaluating the Properties of Wood-Based Fiber and Particle Panel Materials."

	Density Range (pcf)	MOR* (psi)	MOE* (psi)	Internal Bond* (psi)	Screw-holding Face* (lbs)
UltraBlend LD-2 (1.115" - 1.700")	36.0 -38.0	406	72,000	20	117

*Property values represent lower 5th percentile specification limits in accordance with ANSI A208.1-2009 requirements.

Dimensional Tolerances

Length and Width	±0.080"
Thickness: Panel average from specified Variance from panel average	+0.005"/-0.015" ±0.005"
Squareness	±0.036" per foot of panel width

Other Data

Lineal Expansion 50% to 80% range	0.40% max.
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Certifications

FSC® Certification (SCS-COC-000300)



Dillard Composites is certified to provide FSC Mix Credit Certified product. FSC product must be specified at time of order placement and is subject to credit availability.

CARB Air Toxic Control Measure

Third party certified (California ARB approved TPC-1) to comply with CCR 93120.2 (CARB Composite Wood ATCM). Conforms to formaldehyde emission requirements for particleboard in ANSI A208.1-2009 as well.

ECC – Eco-Certified Composite Panel



Third party certified to meet requirements of the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-11. Standard requires compliance to specifically defined environmental criteria in the fiber sourcing and manufacturing process for composite panels.

Recycled/recovered fiber content

Dillard Composites is third party certified to source 100% recycled and/or recovered wood fiber in accordance with ISO 14021 requirements.

Carbon footprint

Roseburg mills producing UltraBlend panels have completed (third party certified) cradle-to-gate analysis showing the products carbon storage capacity offsets its carbon footprint as determined in kg-CO2 equivalents of greenhouse gas (GHG) emissions.

Bio-based renewable materials

Roseburg UltraBlend Particleboard and Duramine laminated panels are listed in the USDA's Bio-Preferred catalog and have Federal Procurement Preference status.

UltraBlend particleboard is intended for interior, non-structural applications only.

