

PRODUCT INFORMATION	TYPE OF PRODUCT	Biocomposite
	COMPANY NAME	Environ Biocomposites Mfg, LLC (EBM)
	PRODUCT/COLLECTION NAME	Microstrand Wheat Board
	DESCRIPTION	Made from lightweight, high-strength agricultural fiber, Environ Biocomposites Mfg, LLC introduces MICROSTRAND Wheat Panel Products - Consistently superior quality and performance with a better delivered value than traditional wood products.
MATERIAL FEEDSTOCK	MATERIAL CONTENT	Wheat Urethane based resin
	RECYCLED CONTENT %	The wheat straw used is recovered waste from pre-consumer agricultural production
	RAPIDLY RENEWABLE CONTENT %	94% rapidly renewable content
	HARMFUL ADDITIVES	None Stated
	HARMFUL EMISSIONS	None Stated
	EMISSION STRENGTH OVER TIME	None Stated
	TREATMENTS	Similar to that of wood products by choice of consumer; product comes unfinished
MANUFACTURING	MANUFACTURING PROCESS	No urea-formaldehyde is added during manufacturing process, no VOC admitted into atmosphere
	HARMFUL EMISSIONS	None Stated
	LOCATION OF MANUF. PLANT	Mankato, MN All wheat comes from Mid-Western farms
	TESTS/CODES	EBM materials tested using ASTM D1037-93 Standard Test Methods for Evaluating Properties of Wood based Fiber and Particle Panel Systems and ANSI test standards. Class 3 flame spread
	3RD PARTY CERTIFICATION	None Specified
INSTALLATION	INSTALLATION PROCEDURE	All decorative EBM materials are intended for interior commercial and residential use only. The panel materials are suitable for a wide range of applications, all of which can be easily created using standard wood fabrication techniques. The decorative EBM materials must also have a finishing system applied (similar to that of wood) to enhance its full natural color and provide proper performance.
	INSTALLATION ADHESIVES	No VOC Stated
	UNIT COST	Not Specified
	LIFE CYCLE ANALYSIS EXTRACTION	Not Specified
	END OF SERVICE LIFE	Recycle as wood
MISC. PROPERTIES	QUALITIES/PROPERTIES OF PRODUCT	Harder, smoother and more impact resistant than wood-based particleboard, MICROSTRAND Wheat offers the perfect substrate for laminating, painting and staining. Wheat is stronger than wood-based particleboard yet lighter in weight (10% to 15%). The MICROSTRAND products meet or exceed wood-based industry standards.
	MISC. COMMENTS	This product is not recommended for kitchen and/or bath countertop applications. widths 48", 49", 60", 61" lengths 96", 97", 120", 121" thicknesses 7/16" through 1 1/8"
	CONTRIBUTION TO LEED POINTS	MR 4.1 MR 4.2 MR 5.1 MR 5.2 MR 6.0 EQ 4.4
COMPANY PROFILE	GREEN PHILOSOPHY	As a manufacturer of fire-rated door core and highly engineered panel products, Environ Biocomposites Manufacturing, LLC (EBM) is proud to be a leader in innovation, technology and sustainability. A growing trend in America, and throughout the world, is the demand for environmentally sound panel products. Now, with the continuing regulation of the lumber and building industries there is a growing need for durable, affordable, environmentally friendly alternatives in today's marketplace. Our unique manufacturing process does not destroy trees; it utilizes recycled materials and abundant renewable agricultural resources.

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MAINTENANCE	AFTER INSTALLATION	Not Specified