



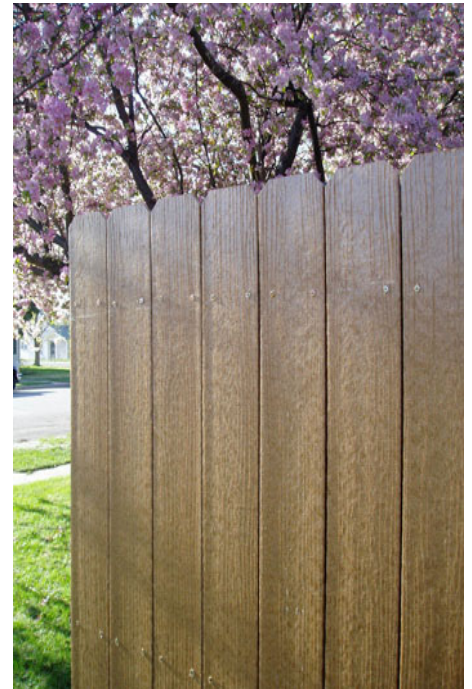
Heartland Biocomposites: fencing

Our product is made from a blend of recycled plastic and agricultural wheat. It is designed to look like natural wood fencing and boast authentic wood grain appearance in four natural fence colors. It also provides long-term durability and maintenance-free benefits. Finally, it is environmentally friendly. Summer 2008.

Superior to Wood, Vinyl and Wood Composite Fencing

PRAIRIEPICKET™ is a fencing component of Heartland Bio-Composite's privacy fence system. The product is made from a proprietary blend of recycled plastic ("HDPE") and wheat straw. The PRAIRIEPICKET™ line is designed to mirror the look of natural wood fencing providing a rich, wood grain appearance while offering the long-term durability and maintenance free benefits of a Wood-Plastic Composite alternative.

PRAIRIEPICKET™ is manufactured using both renewable and reclaimed materials. The plastic component of PRAIRIEPICKET™ shields the picket from moisture damage, eliminating potential rotting and splintering found with traditional wood pickets. The wheat straw provides a strong, natural fiber that protects the plastic component from ultra-violet ("UV") damage and gives the fence the solid, natural feel of wood. PRAIRIEPICKET™ is designed to look great season after season. It provides a superior and cost effective alternative to Wood, Vinyl and Wood-Plastic-Composite fencing.



Harvest



Sequoia



Aspen Grey



Ravenwood



BENEFITS OF PRAIRIEPICKET™

Unlike Traditional Wood Pickets, PrairiePicket™

- will not crack, decay or rot
- has increased strength, density and is more fire resistant
- is splinter-free, protecting children and pets
- contains no toxic chemicals or preservatives
- resists moisture, insects and sunlight
- requires minimal maintenance (no staining, sealing or painting)
- is environmentally friendly and does not promote deforestation



Unlike Vinyl and Wood Plastic Composite Fencing Systems, PrairiePicket™

- costs less than leading alternative fencing systems
- offers increased strength and density
- possesses the industry's leading alternative wood technologies
- is more aesthetically pleasing and available in natural, attractive colors
- is more reliable
- is comprised of 100% reclaimed and recyclable materials

PRAIRIEPICKET™ PROPERTIES

Weight per Picket	5.4 lbs.	
Dimensions (actual)	0.375" (thick), 5.125" (wide), 72.0" (long)	
Density	65.6 Pounds/ft. cu.	ASTM D 792
Compressive Strength	5,791 PSI	ASTM D 695
Tensile Strength	3,445 PSI	ASTM D 638-94-B
Modulus of Elasticity	479,000 PSI	ASTM D 695
Izod Impact	1.4 Ft-lb./in.	ASTM D 256-93A
COEF of Linear Thermal Exp.	x axis, m/m degree C .000066	ASTM E 831-93
	y axis, m/m degree C .000096	ASTM E 831-93
	z axis, m/m degree C .000114	ASTM E 831-93
Screw Withdrawal	1,158 lbs.	ASTM 1761
Nail Withdrawal	236 lbs.	ASTM 1761
Flash Point	645 degrees F, 340 degrees C	ASTM D 1929
Melt Temperature	Approx. 300 degrees F	
Flammability of Interior Materials	Pass	FMVSS No. 302
Flame Spread Factor (Fs)	6.16	ASTM E 162
Heat Evolution Factor (Q)	29.36	ASTM E 162
Radiant Panel Index (Is)	180	ASTM E 162
Water Absorption (% 24 hrs.)	< 2.2%	ASTM D 570-98

WARRANTY

Heartland BioComposites offers a 20 year limited warranty for its PRAIRIEPICKET™ line. Please visit www.heartlandbio.com for complete details.

AVAILABILITY OF PRAIRIEPICKET™

Please visit the Heartland BioComposites website or contact the customer service department for information on where to purchase the full line of Heartland BioComposites products.



HEARTLAND
BIOCOMPOSITES

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