

For the PROS

Superior color retention

Resistant to decay and mold

Scratch resistant

**Industry-leading ratings for
mechanical strength and durability**

Easy to install

**Unique brushed finish that looks &
feels like quarter sawn lumber**

20-year limited warranty

Green Bay Decking, LLC
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Green Bay, WI 54304
(877) 804-0137
www.GeoDeck.com



GeoDeck™

It's all about...

Your Time

Our unique tongue & groove board requires **no hidden fastener system**:

- No pre-drill or special drill bits required.
- Goes down with an air gun, as well as a screw gun.
- Up to 40% in labor savings.

Our boards are **double-sided** and finished the same way:

- If one side is damaged, just flip it over. Saves time returning material to the dealer.

Your Flexibility

Our traditional S4S and T&G boards are ICC rated for **24" on center**:

- Boards can be used for many decking styles including diagonal, octagon and herringbone patterns.

Our 2x8 commercial board is ICC rated for **30" on center**:

- Spans further distance and handles a higher load.
- Extends application into commercial markets such as restaurants and retail areas, as well as marine and docks.

Your Customers

Customers prefer GeoDeck because of its **unique brushed look, low maintenance requirements,** and its **long-lasting ability to maintain its color.**





GeoDeck's industry-leading, patented formula is the core of what makes us a cut above other traditional composite decking products on the market.

GeoDeck contains **no wood fillers** and is, in part, made from a combination of rice hulls (a rapidly renewable resource), reclaimed paper by-product and virgin high density polyethylene resins.

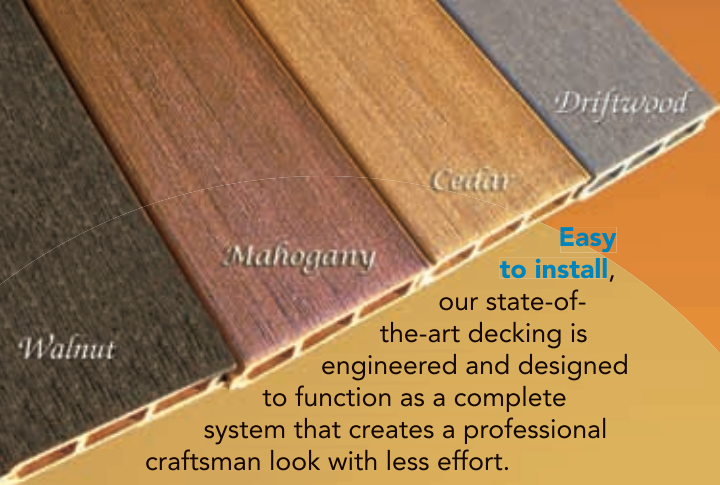
In fact, over 50% of materials in **GeoDeck** are either rapidly renewable resources or reclaim material that would normally be land filled.

Our Science

It's our patented formula that drives superior color retention, increases resistance to decay and mold, and produces best-in-class ratings for mechanical strength.



Our Engineering



Easy to install, our state-of-the-art decking is engineered and designed to function as a complete system that creates a professional craftsman look with less effort.

GeoDeck is engineered using an **I-Beam configuration**. This construction increases the structural and flexural strength and **weighs less per foot than solid boards**.

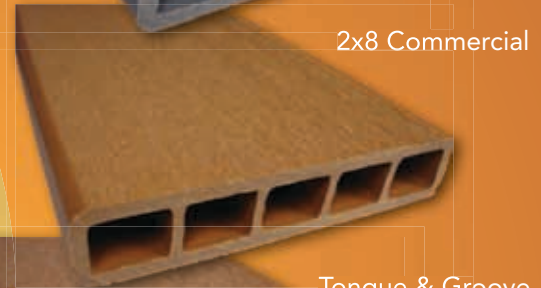
Due to its strength, effectiveness at carrying loads, and efficient use of materials, the I-Beam design is one of the most common forms of beam design used to create structurally sound projects.

For our contractors, distributors, and dealers the GeoDeck I-Beam design also drives additional benefits:

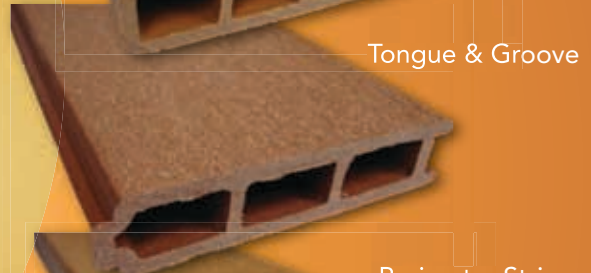
- **Less material waste**
- **Lower board weight**
- **Lower shipping weight**



Traditional S4S



2x8 Commercial



Tongue & Groove



Perimeter Strip



Feature Strip

While other composite decking products may utilize the I-Beam design to reduce product weight, **only GeoDeck can claim both the weight reduction and superior mechanical performance that results from our patented formulation.**

Our Results

Superior Color Retention

GeoDeck fades less than other similar composite decking colors.

To the human eye, a delta E of 4-7 is usually quite subtle. Anything greater is much more noticeable.

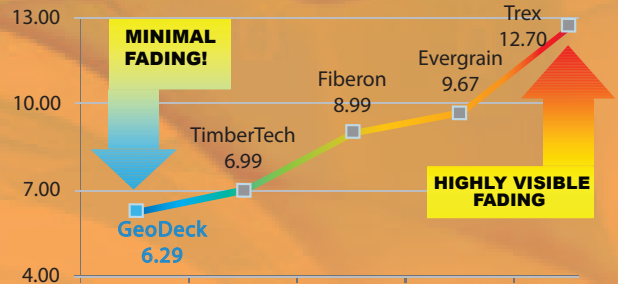
Due to GeoDeck's unique brushed surface, GeoDeck looks like new longer.

Our superior color retention is due, in part, to the fact that GeoDeck's patented formula contains **no wood fillers or sawdust**.



Third-party testing confirms that **GeoDeck** is the best overall composite decking product in the market!

AVERAGE FADE FACTOR (ΔE)



Source: October 2009 - Intertek Plastics Technology Laboratories. Results are based on accelerated weather testing designed to simulate 2000 hours of outdoor sun exposure.

Increased Resistance To Decay

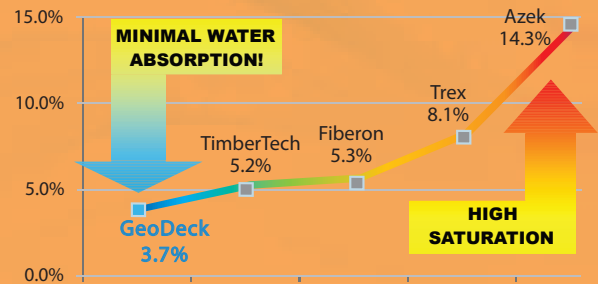
GeoDeck's boards absorb less water, and therefore have a lower risk of internal decay.

Water absorption decreases mechanical properties and durability such as performance during freeze/thaw cycling, dimensional stability, and warping.

Higher density not only contributes to lower water absorption, but typically indicates that a product is more resistant to denting.



AVERAGE MOISTURE CONTENT



Source: August 2009 - University of Maine Advanced Structures & Composites Center. Results are based on 30 days of water submersion.

Greater Mechanical Strength

GeoDeck's higher span ratings indicate greater mechanical strength and stiffness.

The combination of our mechanical strength and I-beam construction means **GeoDeck requires less substructure and can handle higher loads**.



BEST IN CLASS!

Maximum Joist Span	
GeoDeck	24"
TimberTech	24"
Azek / Procell	16"
Fiberon	16"
Trex	16"

Stair Tread Span	
GeoDeck	16"
Fiberon	12"
TimberTech	12"
Trex	10.5"
Azek / Procell	17.25" ¹

Source: June 2009 - ICC-ES or ICC-ES, Architectural Testing Inc. or individual company websites

¹ Span rating based on decking mounted to a treated 2x6 pine stair tread - i.e. decking is cosmetic

All brand names trademarked to their respective companies.

The Install

Most Important Factors for a Successful **GeoDeck** Installation:

- **Do not butt boards end-to-end on the main area of your deck.**
 - When installing a deck that requires lengths greater than a single board (i.e., over 20'), use our feature strip as a divider rather than butting boards end-to-end.
- **The amount of open air space under the deck will determine which boards need to be used.**

Open air space is defined as: The distance from the grade to the **top** of the joists.

 - **24" or more of open air space:** Either Tongue & Groove or Traditional boards can be used.
 - **Less than 24" of open air space:** Only Traditional boards can be used with a 1/8" space between boards. **Do not** use Tongue & Groove boards.



- **When using the Tongue & Groove boards, leave at least two sides of the under-deck space open for cross ventilation.** Two sides of the deck must be open or lattice only.
 - Solid cladding or skirting can be used with decks built with Traditional boards that have a 1/8" space between them.
- **All fasteners must be located a minimum of 3/4" from the end of the boards.**



Product Specifications

GeoDeck Decking & Railing



TRADITIONAL S4S
Description: 5/4" x 6" S4S
Height: 1 1/4"
Width: 5 1/2"
Lengths: 12', 16', 20'
Weight: 1.9 lbs./ft.



TONGUE & GROOVE
Description: 5/4" x 6"
Height: 1 1/4"
Width: 5 3/4"
Lengths: 12', 16', 20'
Weight: 1.85 lbs./ft.



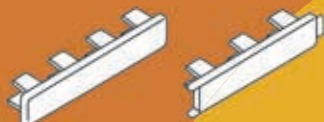
2" X 8" COMMERCIAL
Description: 6/4" x 8"
Height: 1 1/2"
Width: 8"
Lengths: 16', 20'
Weight: 2.8 lbs./ft.



FEATURE STRIP
Description: 6/4" x 6"
Height: 1 1/2"
Width: 5 1/2"
Lengths: 12'
Weight: 1.4 lbs./ft.



PERIMETER STRIP
Description: 6/4" x 6"
Height: 1 1/2"
Width: 5 1/2"
Lengths: 12'
Weight: 1.6 lbs./ft.



END CAP*
Height: 1 1/4"
Width: 5 1/2"
Lengths: 1"
Weight: .2 lbs.

*End Caps available for all profiles



POST BASE TRIM
Height: 4"
Width: 4"
Weight: .20 lbs.

Notes: Standard Post Base Trim also available in 6" x 6"



FASCIA BOARD
Height: 7/16"
Width: 12"
Lengths: 12'
Weight: 2.5 lbs.



**DECORATIVE POST
BASE TRIM**
Height: 4"
Width: 4"
Weight: .20 lbs.



4" X 4" POST SLEEVE
Height: 4.315"
Width: 4.315"
Lengths: 8'
Weight: 17.6 lbs.



POST CAP
Height: 4"
Width: 4"
Weight: .22 lbs.

Notes: Standard Post Cap also available in 6" x 6"



6" X 6" POST SLEEVE
Height: 6.410"
Width: 6.410"
Lengths: 12'
Weight: 39.5 lbs.



DECORATIVE POST CAP
Height: 4"
Width: 4"
Weight: .22 lbs.



BALUSTERS
Description: 2" x 2"
Height: 1 3/4"
Width: 1 3/4"
Lengths: 32", 38"
Weight: 32" 2.3 lbs.,
38" 2.6 lbs.



STAIR RAIL COLLAR



HAND RAIL COLLAR