



 **MoistureShield™**  
COMPOSITE DECKING

20  
18

**BUILD BOLDLY.**

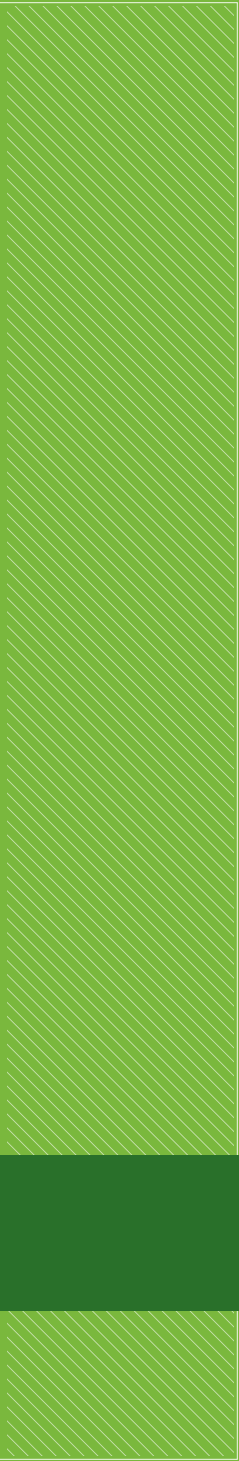




BUILD ANYWHERE  
*With Confidence.*

MoistureShield® composite decks have always provided a unique combination of rich beauty and proven performance. Now the next generation of decking is here. Discover our innovative advancements and diverse colors designed to fit various tastes, lifestyles and budgets.

Never compromise. Choose a deck built on performance, personalization and protection. Choose MoistureShield.



## PROVEN TO THE CORE ... *Plus More.*

Our durable composite decks outperform and outclass run-of-the-mill composites, maintenance-heavy wood or plastic-like PVC decks. This innovative vision is why in our long history, we've never had a field failure. And it's why we proudly stand behind the best warranty in the industry.

What separates us from the rest?

### THE CORE DIFFERENCE

MoistureShield® is the only WPC decking product that can be installed on or in the ground or even underwater without voiding the warranty. The only one.

### + MORE PROTECTION

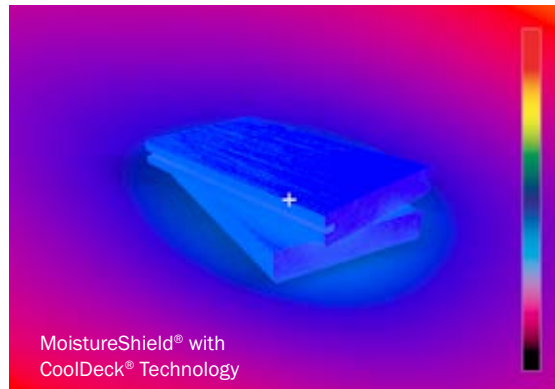
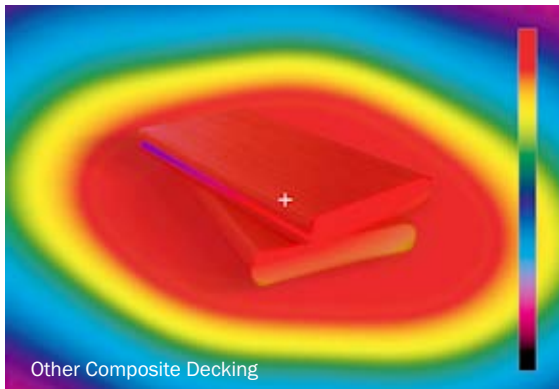
We offer the industry's best stain, fade, mold, and mildew warranty. As a result, MoistureShield is designed to last a lifetime. Every board is protected from warping, cupping, and twisting. Best in class expansion and contraction at 1/4" on a 20' board.

### + MORE INNOVATION

We continue to push the boundaries, with technological advances like our CoolDeck® technology, which minimizes heat absorption and optimizes heat reflection for a more comfortable deck.

### + MORE ENVIRONMENTAL

Our composite decking products are made from 95% recycled content, which can help you earn credit in LEED® green building rating programs.



AVAILABLE WITH  
**COOLDECK®**  
TECHNOLOGY 

**Reduces heat absorption  
up to 35%** compared  
to conventional capped  
composites.





COMPARE MOISTURESHIELD TO OTHER DECKING &  
*Find Your Perfect Deck*





	MoistureShield®	Other Wood Plastics Composite	Capped Composite	PVC
<b>Performance</b>	Industry leader with no Structural Failures	Structural Failures	Structural Failures	Structural Failures
<b>Core Strength</b>	Professional Grade Encapsulation	Standard	Standard	Standard
<b>Warranty</b>	Lifetime Limited	25-year	25-year	Lifetime Limited
<b>Environmentally Friendly</b>	95.00%	95.00%	Varies – 51% - 74%	36.00%
<b>Water Application</b>	Can be installed with water contact	NO	NO	NO
<b>Ground Application</b>	Can be installed on or in the ground	NO	NO	NO
<b>CoolDeck® Technology</b>	YES	NO	NO	NO
<b>Workability</b>	Rippable and Routable	NO	NO	NO

A photograph of a bright, inviting outdoor patio. The floor is made of light-colored composite decking. In the center, a wooden coffee table with a trestle base holds a small potted plant with orange flowers, a candle, and some books. Two wicker sofas with striped cushions and patterned pillows are arranged on either side. A patterned rug covers the central area. Large glass doors with white frames lead to an interior space. Two large green plants in metal cages stand near the doors. The overall aesthetic is rustic and comfortable.

# *Composite Decking*





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MoistureShield's innovative composite decking is the perfect blend of durability and versatility. Now you can create the deck or dock of your dreams, while ensuring that it will last, no matter the environment.





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## MOISTURESHIELD® *Vantage*®

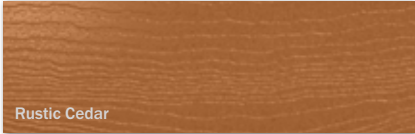
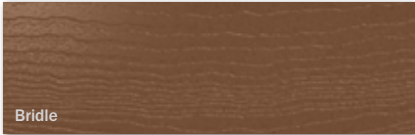
MoistureShield® Vantage® is what's at the core of every one of our boards. It's what provides protection against the elements. Enjoy the workability of wood, but with less maintenance. Available in a solid profile, our reversible boards feature a natural wood grain texture on both sides, allowing use of either side for easier installation. In addition, the planks come with or without grooves to accommodate hidden fastening systems.

- 1" x 6" deck board
- Available in 12, 16 and 20 foot lengths
- 2" x 4", 2" x 6" and 2" x 8" boards also available
- Transferable Lifetime Warranty
- Offered non-grooved or grooved for easy installation with hidden fasteners
- Reversible board with natural wood-grain texture on both sides
- Available in 8 natural wood colors





available *colors*



Premium Colors



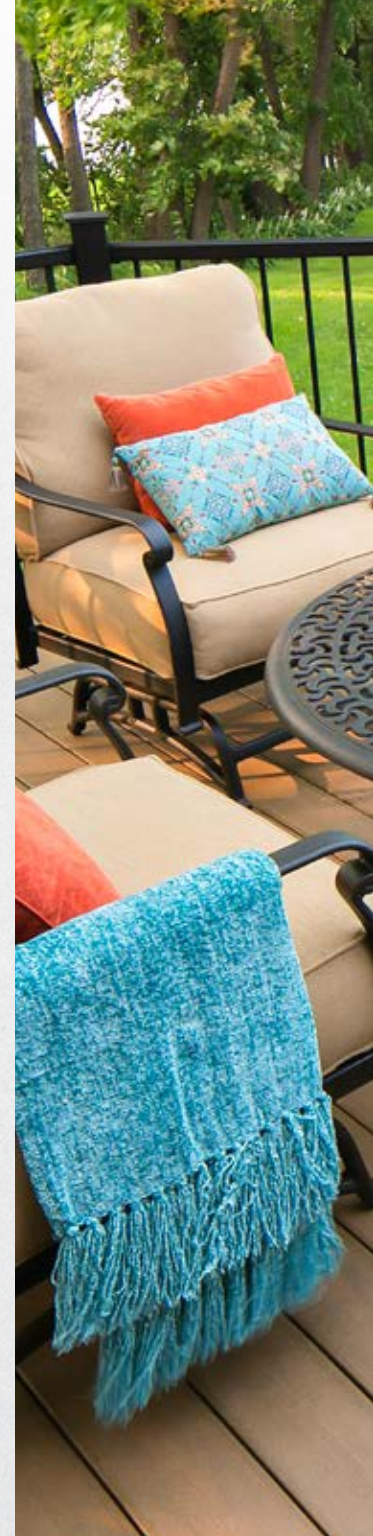
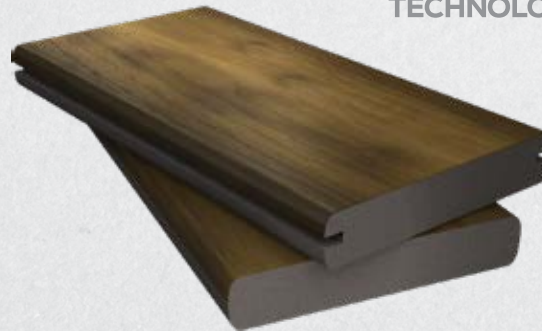


MOISTURESHIELD®  
*Infuse*®

MoistureShield® Infuse® redefines composite decking with its perfect balance of true wood beauty and high performance durability. Infuse is available with or without our innovative CoolDeck® technology, and thanks to an exclusive Co-X® manufacturing process, our Infuse boards also feature a realistic wood-grain finish, enriched color variegation and an enhanced color palette of rustic earth tones, making them the perfect solution to infuse any back yard with character and style.

- 1" x 6" deck board
- Available in 12, 16 and 20 foot lengths
- Transferable Lifetime Warranty
- 25-Year Fade and Stain Warranty
- Offered in 5 rustic colors

AVAILABLE WITH  
**COOLDECK®**  
TECHNOLOGY 





available *colors*

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Rosewood



Southern Barnwood



Northern Hickory

Available with CoolDeck® Technology

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Rustic Timber



Harbor Gray



MOISTURESHIELD®  
*Refine*®

MoistureShield® Refine® is the perfect combination of natural beauty and advanced durability. It's our proprietary moisture-resistant core with an extra layer of protection and beauty that features enriched natural coloring and enhanced durability. Each Refine board provides an advanced blend of enriched natural variegation and high-definition wood-grain detail, finishing every deck with unrivaled warmth and elegance.

- 
- 1" x 6" deck board
  - Available in 12, 16 and 20 foot lengths
  - Transferable Lifetime Warranty
  - 25-Year Fade and Stain Warranty
  - Offered non-grooved or grooved for easy installation with hidden fasteners
  - Available in 2 rich, variegated wood colors





available *colors*





MOISTURESHIELD®  
*Vision*®

Introducing MoistureShield® Vision® the next generation of composite decking. This distinctive, contemporary design brings the hardwood look of a home's inside to the outside. With a modern, variegated appearance and guaranteed performance unmatched by any other decking products, MoistureShield Vision stands out while standing the test of time. The future of decking is here.

- 
- 1" x 6" and 2" x 6" deck boards
  - Available in 12, 16 and 20 foot lengths
  - Lifetime structural warranty protected to the core
  - Limited Lifetime Fade & Stain Warranty
  - Offered non-grooved or grooved for easy installation with hidden fasteners
  - Slip resistant
  - Available in 5 beautiful colors



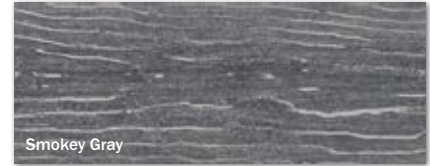
AVAILABLE WITH  
**COOLDECK®**  
TECHNOLOGY 







available *colors*



Smokey Gray

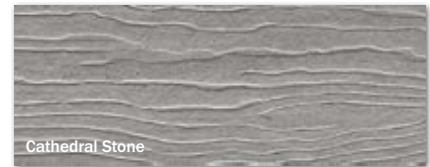


Sandstone



Spanish Leather

Available with CoolDeck® Technology



Cathedral Stone



Mochaccino



*Accessories*



To complement your outdoor design, take a closer look at our Composite and Aluminum Railing systems. Then, put the finishing touches to your deck with our Deck Clips and Deck Lights. Like our composite decking, all of our accessories are built to be tough yet beautiful, inspiring care-free living while making a statement.

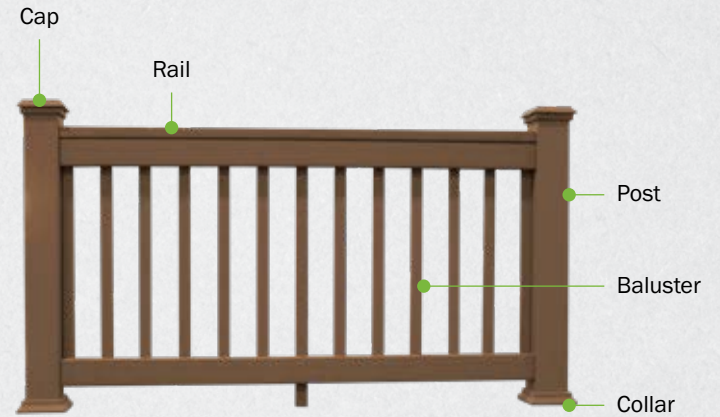




## RAILINGS

# Composite

Our composite railing is designed to naturally complement any MoistureShield® deck or porch. It's available in all 8 Vantage colors and protected by MoistureShield's industry-leading Limited Lifetime Warranty. It's the finishing touch that makes all the difference.





RAILINGS

# Aluminum

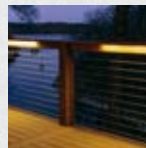
Add a contemporary edge to your deck or patio with MoistureShield's Pro Aluminum Railing in black or white. Sold in kits with pre-installed baluster connectors, not only is it easy to install but it's also protected. We back it with MoistureShield's industry leading Limited Lifetime Warranty and a 15-Year Paint Warranty.



MOISTURESHIELD®

# Deck Lights

MoistureShield® Deck Lights are designed to complement the entire family of MoistureShield products. All lights are warm white LEDs rated for 25,000 hours. Post cap lights, bullet lights, stair lights, post lights and rail strip housings are available in black or white. Our deck lights are protected by a 5-year warranty when installed with MoistureShield light accessories (transformer, wire, BIT).



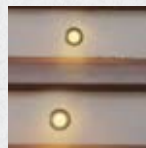
## RAIL STRIPS

- 3/16" w x 5/16" d x 72" long
- Can be cut every 2" to shorten
- 48" of 22/2 gauge wire on each end
- Kit includes: four (4) 72" strips, 12 wire connectors, 3 mounting screws, 100' wire, dimmer, install instructions, 3 amp transformer



## BULLET LIGHTS

- 1-1/8" w x 1-1/2" deep
- 18" of 22 gauge wire on each light
- Polycarbonate lens
- Fits flush with deck board
- Kit includes: ten (10) bullet lights, 27 wire connectors, 100' wire, dimmer, installation instructions, 1 amp transformer



## STAIR LIGHT

- 3-1/2" round x 1-1/4" deep
- Includes 2 screws and 48" of 18/2 gauge wire
- Glass covering
- Sold as a single light



## POST LIGHTS

- Thin Down: 1-3/4" w x 1-1/4" h
- Hourglass: 1-3/16" w x 3-1/8" h
- 36" of 20 gauge wire on each light
- Glass covering
- Sold as a single light



## POST CAP LIGHT

- Fits 3" post
- Low profile, flat top
- Sold as a single light

# MOISTURESHIELD® Deck Clips



Sometimes the best part of a deck is what you don't see. Like our composite decking, MoistureShield Deck Clips are both beautiful and durable, extending the life of your deck by elevating the boards off the joists to reduce structural rot and mold. They're even backed by a limited lifetime warranty against any loose deck boards. They're designed specifically for MoistureShield grooved boards, to keep off of the joist, which prolongs the life of your joists and prevents movement and squeaking. *NOTE: Traditional face screws can also be used.*

- Easy to install with pneumatic fasteners or screws
- Powder coated high strength steel or stainless steel

**STARTER CLIP:** Starter clips are used to fasten the first deck board to the ledger board.

**DECK CLIP:** Deck clips fasten deck boards to deck joists.

**FINISH CLIP:** Finish clips fasten the last deck boards to rim joists.







**COMPLETE SYSTEM:** Covers 50 square feet of decking. Includes starters, finishers and fasteners.

**PACKS:** Covers 250 square feet of decking. Includes screws (Deck Pack) or pneumatic fasteners (Contractor Pack).





# TECHNICAL *Specifications*

	1 X 6	2 X 2	2 X 4	2 X 6	2 X 8	TRIM
<b>PRODUCT</b>						
<b>ACTUAL DIMENSIONS</b>	1.0" x 5.4"	1.5" x 1.265"	1.5" x 3.5"	1.4" x 5.5"	1.4" x 7.25"	0.67" x 11.25"
<b>LENGTHS AVAILABLE</b>	12ft, 16ft, 20ft	12ft	12ft, 16ft	12ft, 16ft, 20ft	8ft, 12ft, 16ft, 20ft	12ft
<b>PROFILE OPTIONS</b>	SOLID, GROOVED	SOLID	SOLID	SOLID	SOLID	SOLID
<b>SPAN RATING</b>	16" O.C.	N/A	20" O.C.	24" O.C.	24" O.C.	N/A
<b>COLORS AVAILABLE</b> Vantage Infuse Refine Vision	<p>Bridle, Cape Cod Gray, Earthtone, Rustic Cedar, Seasoned Mahogany, Desert Sand, TigerWood, Walnut,</p> <p>Rosewood, Southern Barnwood, Northern Hickory, Rustic Timber, Harbor Gray,</p> <p>Golden Teak, Aurora Mist,</p> <p>Smokey Gray, Sandstone, Spanish Leather, Cathedral Stone, Mochaccino</p>	<p>Bridle, Cape Cod Gray, Earthtone, Rusitc Cedar, Seasoned Mahogany, Desert Sand, TigerWood, Walnut</p>	<p>Bridle, Cape Cod Gray, Earthtone, Rusitc Cedar, Seasoned Mahogany, Desert Sand, TigerWood, Walnut</p>	<p>Bridle, Cape Cod Gray, Earthtone, Rusitc Cedar, Seasoned Mahogany, Desert Sand, TigerWood, Walnut</p> <p>Smokey Gray, Sandstone, Spanish Leather, Cathedral Stone, Mochaccino</p>	<p>Cape Cod Gray.</p> <p>Other colors are MOQ truckload.</p>	<p>Bridle, Cape Cod Gray, Earthtone, Rustic Cedar, Seasoned Mahogany, Desert Sand, TigerWood, Walnut,</p> <p>Rosewood, Southern Barnwood, Northern Hickory, Rustic Timber, Harbor Gray</p> <p>Golden Teak, Aurora Mist,</p> <p>Smokey Gray, Sandstone, Spanish Leather</p>
<b>MATERIAL TYPE</b>	Wood-Plastic Composite, Capped Composite, Co-X® Composite, Liquid Polymer Cap	Wood-Plastic Composite	Wood-Plastic Composite	Wood-Plastic Composite, Liquid Polymer Cap	Wood-Plastic Composite	Wood-Plastic Composite, Capped Composite, Co-X® Composite, Liquid Polymer Cap






### COMPOSITE RAILING

### ALUMINUM RAILING



	COMPOSITE RAILING	ALUMINUM RAILING
<b>LENGTHS AVAILABLE</b>	6ft	8ft
<b>RAIL SPECS</b>	Top Rail: 2.920" x 3.950" Bottom Rail: 1.5" x 3.5"	Top Rail: 2.34" x 1.85" Bottom Rail: 1.5" x 1.24"
<b>BALUSTER SPECS</b>	1.5" x 1.265" x 38" Square Profile Sold in Boxes of 14Pcs	36" Rail Height – 30.75" Level Kit; 29.5" Stair 42" Rail Height – 36.75" Level Kit; 35.5" Stair <b>Kit Includes:</b> 21 Balusters (Fits 96" Level Rail) or 17 Balusters (Fits 96" Stair Rail) Available in Round or Square Profile
<b>POST SPECS</b>	4" Square x 51" Solid Post Sold Individually	3" Square x 38" or 44" Height <b>Kit Includes:</b> Post, Welded Mounting Base, Cap and Collar
<b>ACCESSORY SPECS</b>	Fits 4x4 post Actual dims: 4.265x4.265	1.5" Diameter Round ADA Compliant Handrail Code Compliant for Type 1 Graspability Requirements
<b>MATERIAL TYPE</b>	Wood-Plastic Composite	Powder-Coated Aluminum
<b>COLORS AVAILABLE</b>	Bridle, Cape Cod Gray, Earthtone, Rustic Cedar, Seasoned Mahogany, Desert Sand, TigerWood, Walnut	Black, White



MOISTURESHIELD®

## Care & Maintenance

### DIRT AND DEBRIS

Keep your deck clean by sweeping to remove dirt and debris. Using a leaf blower can be a very helpful quick clean once a week. If necessary, mild soap and warm water can be used with a scrub brush to gently remove stubborn spots.

### WATER SPOTS

As with all products containing wood, tannin stains can occur. MoistureShield products should be allowed to weather naturally for about 12 weeks before these stains are addressed. Using a deck brightener containing oxalic acid like Olympic® Deck Brightener or Cabot® Problem Solver® Wood Brightener should remove these spots.

### OIL AND GREASE STAINS

Household degreasing agents such as Dawn dishwashing detergent, should be used to remove the oil or grease stain as soon as the stain is noticed. Be sure to thoroughly rinse the detergent off the deck with hot water. If the stain sits for more than a few hours, the most effective method of removing it is with an oil stain remover such as OSR or Pour-N-Restore®.

### MOLD

Based on our testing, the most effective cleaner for quickly removing mold stains is Olympic Premium Deck Cleaner. This is a bleach-based cleaner and may temporarily lighten the surface appearance. After cleaning, for long-lasting results, use Spray and Forget™ as an inhibitor. Spray and Forget can also be used as a cleaner in situations where instant results are not needed. This is a non-bleach cleaner that will not lighten the deck.

### PRESSURE WASHER

You can use a pressure washer to clean your deck. Always use a fan-tip blade with no more than 1300 PSI, and do not apply closer than 8-10" from the deck surface. Doing so may cause damage to the surface of the deck.

### SCRATCHES OR SURFACE ABRASIONS

Markings of this type on your deck should fade within 12-16 weeks of installation. Using a deck wash containing hypochlorite (bleach) can speed this process up after natural weathering has occurred.

### CHALK LINES

We recommend using a blue or white chalk line when installing your deck. DO NOT USE RED CHALK. Scrub the affected area with soap and hot water to help remove the chalk. For stubborn stains, bleach can be added to the cleaning solution to achieve the desired result.

### RUST STAINS/STUBBORN SPOTS

Cleaners containing oxalic acid, commonly known as deck brighteners, can be used to remove these stains. In order to achieve desired results, the cleaner may need to sit on the stain for up to 15 minutes prior to rinsing.

MOISTURESHIELD®

# Warranty

## LIMITED WARRANTY COVERAGE

Advanced Environmental Recycling Technologies, Inc. (A.E.R.T.), warrants MoistureShield® composite decking used in residential decking construction (the Product) for as long as the registered original consumer purchaser or the first properly registered transferee of the residence on which the MoistureShield® composite deck is to be installed. This warranty covers decks installed within North America and warrants the Product (i) to be free from defects in material and manufacture and, (ii) when used for its intended purpose and properly installed and maintained according to A.E.R.T.'s published installation instructions to (a) resist rot or fungal decay and (b) resist damage caused by insect or termite attacks.

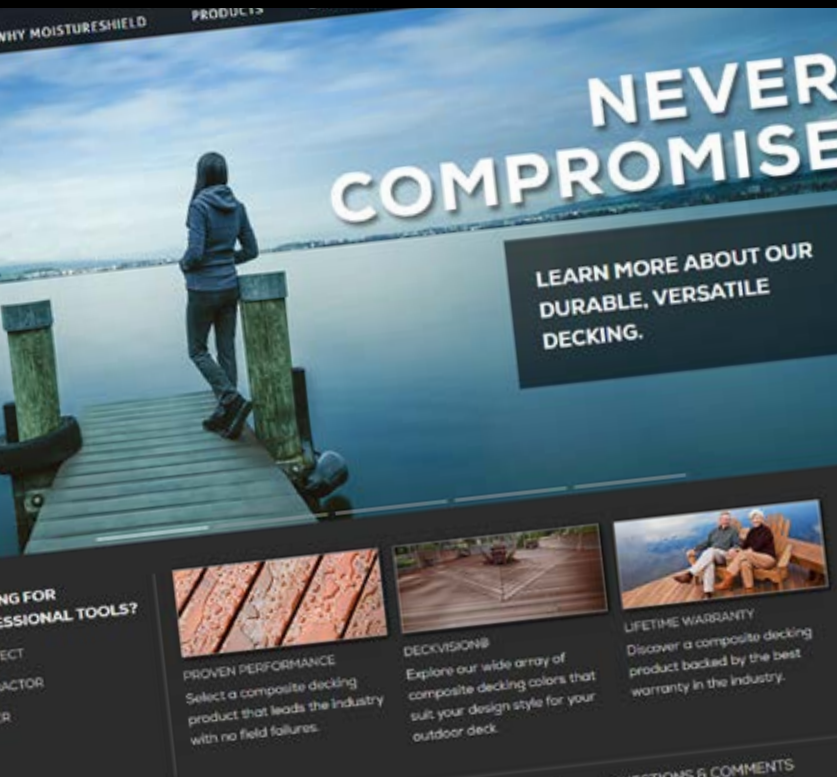
If the Product fails to conform to this warranty, then during the first year after the Product is sold, A.E.R.T. in its sole discretion shall replace the defective Product and/or reimburse the homeowner for all or a portion of the Product at the sole discretion of A.E.R.T. based on extent of defectiveness of the Product, as determined by A.E.R.T. For every year after the first year, any warranty payment described above shall be reduced by 2% each year until the fiftieth year, after which the warranty payment shall remain constant at 2% of the original warranty coverage.

A.E.R.T.'s replacement of the defective Product or granting of a refund as described above in this warranty **SHALL BE THE SOLE AND EXCLUSIVE REMEDY** for any defect described in the first paragraph of this warranty. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESS OR IMPLIED, AND ALL OTHER WARRANTIES, LIABILITIES AND OBLIGATIONS ON A.E.R.T. This warranty covers MoistureShield® composite decking replacement components only, and does not cover installation or replacement labor or any additional costs which might be incurred.



Visit [moistureshield.com/warranty](https://moistureshield.com/warranty) for detailed warranty information for each line.

# MOISTURESHIELD® *Helpful Tools*



## DISCOVER

Professional builders have come to rely on the value and consistency of MoistureShield® products. We pledge to give you everything you need to make your deck go from virtual to reality at MoistureShield.com. Choose from a variety of helpful tools like:

## PLAN YOUR DECK

**DECK DESIGNER** – design your dream deck and even print a product list for you to take to your local dealer.

[moistureshield.com/deck-design-tools/design-a-deck](https://moistureshield.com/deck-design-tools/design-a-deck)

**DECKVISION™** – see how our colors look on a deck and mix and match to find the perfect combination.

[moistureshield.com/deck-design-tools/deckvision](https://moistureshield.com/deck-design-tools/deckvision)



## FIND INSPIRATION

**PHOTO GALLERY** – browse our extensive collection of MoistureShield projects from around the world and let them inspire you.

[moistureshield.com/idea-gallery](https://moistureshield.com/idea-gallery)

**VIDEO GALLERY** – find out more about the advantages of MoistureShield with product videos.

[moistureshield.com/videos](https://moistureshield.com/videos)



## WHERE TO BUY

**CONTRACTOR LOCATOR** – browse a list of MoistureShield certified deck builders in your area to find the right one for your job.

[moistureshield.com/dealer-contractor-locator](https://moistureshield.com/dealer-contractor-locator)

**DEALER LOCATOR** – find a preferred MoistureShield retailer near you.

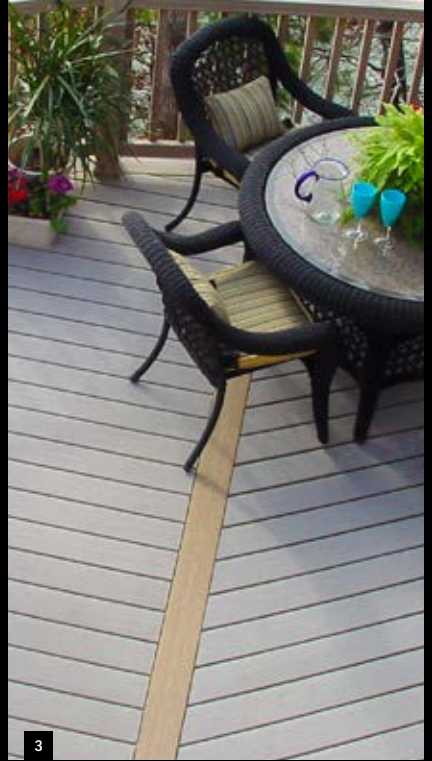
[moistureshield.com/dealer-contractor-locator](https://moistureshield.com/dealer-contractor-locator)



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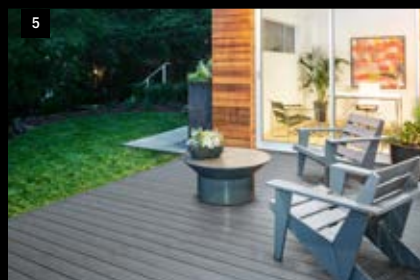
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10



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12



13



7

1. MoistureShield Vantage Desert Sand

2. MoistureShield Refine Golden Teak

3. MoistureShield Vantage Cape Cod Gray

4. Moistureshield Infuse Northern Hickory

5. MoistureShield Vision Smokey Gray

6. MoistureShield Vantage Vantage Rustic Cedar and Seasoned Mahogany

7. MoistureShield Refine Aurora Mist

8. MoistureShield Vantage Rustic Cedar & Earthtone

9. MoistureShield Vantage Cape Cod Gray

10. MoistureShield Refine Golden Teak

11. MoistureShield Vantage TigerWood

12. MoistureShield Vantage Bridle

13. MoistureShield Vantage Cape Cod Gray



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