TREX DECKING
LEADING THE WAY in long-lasting beauty
For more than 20 years, Trex has developed, defined and perfected wood-alternative decking. Our high-performance composite decks combine fade-resistant beauty with outstanding durability. Whether you’re planning a breakfast nook in your backyard or rooftop retreat, Trex makes it simple to create the kind of outdoors your life demands.

WHY TREX
Learn what makes Trex® unlike any other decking material.

GET MORE
Discover all the perks to having a low-maintenance, high-performance deck from Trex.

START DESIGNING
See our signature products and begin planning your dream deck.

HOW-TO GUIDES
All the info you need to start installing.

UPKEEP & WARRANTIES
Get the details on just how little maintenance Trex decks need.
Why Trex?

We know a deck is never just a deck. It’s an extension of your home, your own personal escape back to nature. With Trex, you can spend less time repairing your deck and more time enjoying it. See how our innovative shell technology makes Trex well worth the investment.

THE SECRET IS IN THE SHELL

Only Trex decks are wrapped in a high-performance shell that resists fade, stain, scratches, mold, mildew, insects and even boredom better than anything else out there.

SEE HOW TREX STACKS UP against other decking materials.

TREX HIGH-PERFORMANCE COMPOSITE

- DURABILITY: resists mold, fade, stain and scratches; won’t warp, rot or splinter
- ENVIRONMENTAL RESPONSIBILITY: made of 95% recycled materials
- EASE OF MAINTENANCE: cleans with soap and water

HOLLOW COMPOSITE

- DURABILITY: can fade, stain, scratch and mold
- ENVIRONMENTAL RESPONSIBILITY: made of recycled materials
- EASE OF MAINTENANCE: cleans with soap and water, may require bleach

PVC

- DURABILITY: scratch and mold resistant; won’t warp, rot or splinter
- ENVIRONMENTAL RESPONSIBILITY: made of virgin plastic
- EASE OF MAINTENANCE: cleans with soap and water

WOOD

- DURABILITY: rots, splits, swells, twists and fades
- ENVIRONMENTAL RESPONSIBILITY: contributes to deforestation
- EASE OF MAINTENANCE: requires annual painting, staining or sealing

 Protected by a 25-Year Limited Residential Warranty

Low maintenance—never needs staining, sanding or painting

Resists mold, scratching and fading unlike other decks

Natural wood-grain finish in several rich colors

Easy to install without any special tools

Trex Transcend Lava Rock
Discover what you’ll get when you get Trex

ENDURING BEAUTY
THANKS TO ITS FADE-RESISTANT SHELL, TREX LOOKS LIKE NEW FOR 25 YEARS.

RICH TEXTURED FINISH
HIDDEN FASTENERS HELP KEEP THE RICH TEXTURE OF TREX COMPLETELY PRISTINE AND UNBLEMISHED BY DECK SCREWS. LEARN MORE ON PAGE 11.

BOUNDLESS DESIGN POSSIBILITIES
IT’S EASY TO CREATE A CUSTOM LOOK WITH TREX. SEE HOW WITH OUR SPECIAL PATTERN GUIDE ON PAGE 14.

QUICK CLEANING
FORGET SANDING AND STAINING. WITH JUST SOAP AND WATER, YOU CAN KEEP YOUR TREX DECK TOTALLY CLEAN.

EASY INSTALLATION
TREX INSTALLS JUST LIKE WOOD—NO SPECIAL TOOLS NEEDED. GET STEP-BY-STEP INSTRUCTIONS ON PAGE 12.

HOW WE MAKE GREEN GREENER
From innovative materials to our eco-friendly processes, we take great pride in delivering sustainable products with minimal footprint.

» All Trex deck boards are made of 95% recycled materials.
» Trex saves over 180 million kilos of plastic and wood scrap from landfills every year.
» Trex hasn’t felled a single tree in all our years in the decking business.

MAKE THE MOST OF YOUR OUTDOOR SPACE
WHETHER YOU’RE BUILDING A SUNNY SPOT OUT BACK, A COOL AND BREEZY BALCONY OR EVEN A ROOF-TOP RETREAT, TREX HAS YOU COVERED.
Trex decking comes in a variety of lasting colors with deep grain patterns that complement any style home. So fall in love with one wisely. Because the color you choose is the fade- and stain-resistant color you'll enjoy for decades.

Trex decking:
- Transcend Spiced Rum
- Transcend Vintage Lantern
- Transcend Lava Rock
- Transcend Gravel Path
- Transcend Tiki Torch
- Transcend Pebble Grey
- Contour Clove Brown

Trex Hideaway® Hidden Fastening System

Start Clip (stainless steel)
- 2.5 clips per linear meter of start board and finish board
- (36 per bag)

Universal Fastener (glass-filled nylon)
- 4.6m² Box
- (90 per box)

Our grooved boards accommodate our revolutionary Trex Hideaway Hidden Fastening System, which allows for a smooth, unfettered finish—no screws, no screw holes, nothing to interrupt the smooth texture and comfortable feel of your new Trex deck.
**INSTALLATION**

**Before installing any Trex product, you should review local building codes and regulations, and consult with local building officials, to ensure compliance and safety.**

**GLOSSARY OF TERMS**

- **Carriage Bolt**: A bolt with a rounded head and a square shoulder under the head to prevent turning during installation.
- **Connector Clip**: Hidden fastener used between deck boards to secure positioning.
- **Joist**: A horizontal structural pressure-treated board that runs from wall-to-wall, wall-to-beam, or beam-to-beam to support the deck floor and decking materials.
- **Lag Bolt**: A large metal fastener with a hex head and screw threads that drive it into the wood.
- **Ledger Board**: A beam supporting one end of the joists.
- **Nosing**: The rounded front edge of a stair tread.
- **Pan-head Screw**: Self-tapping screw with W-cut design and slightly rounded head.
- **Rim Joist**: A joist on either side or the end of the deck. May have stairs attached and typically opposite of the ledger board.
- **Riser**: The vertical board nailed to a stringer.
- **Self-tapping Screw**: A fastener that taps and drills its own hole and does not require a pre-drilled hole.
- **Start Clip**: Metal clips used at the end of decking boards to secure them in position.
- **Stair Tread**: Steps or stairway boards that are the steps.
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- **Stair Tread**: Steps or stairway boards that are the steps.
- **Stringer**: A beam supporting one end of the joists.
- **Universal Fastener**: Plastic 6 mm self-gapping hidden fastener that has increased durability and allows for easier and faster installation than traditional fasteners.

**SAFETY**

When working on any construction project, you should wear protective clothing and safety equipment: Wear safety glasses, gloves, a dust mask and long sleeves, particularly when cutting in confined spaces. Trex® decking and railing are heavier and more flexible than wood. DO NOT try to lift the same quantity of Trex boards as you would traditional lumber. Go to Trex.com for Material Safety Data Sheets (MSDS).

**TOOLS**

You can create intricate shapes, profiles, and patterns with Trex. Most installations require no special tools. For best results, use carbide-tipped blades and router bits.

When using a miter saw, we recommend a 254 mm—305 mm saw blade with 40 teeth or less.

Install Trex recommended fasteners with standard power drills.

**DECKING FASTENERS**

For best results, we recommend Trex® Hideaway®. Hidden Fasteners, which work well and provide an attractive appearance.

If any condition occurs which is attributable to the use of non-recommended fasteners, such condition shall not be covered under Trex’s Limited Warranty.

**GAPPING**

You must gap Trex® decking, both end-to-end and width-to-width. Gapping is necessary for drainage and the slight thermal expansion and contraction of Trex decking boards. Gapping also allows for the shrinkage of the wood joist system.

- Note, Trex fascia has to be gapped width-to-width and end-to-end the same as Trex decking. See charts below.
- ALWAYS follow Trex-recommended gapping guidelines.

**TOOL TIPS**

- Most colored chalk lines are permanent. **Use baby powder.**
- When drilling large or deep holes, periodically lift the bit out of the hole to remove the shavings.
- If you want to minimize the appearance of joists through the spaces between boards, paint the top of your joists black.
- Trex® decking is suitable for a wide range of applications. It is not intended for primary structural members such as load bearing columns, joists, stringers, and beams.
- Construction methods are always improving. Please make sure you have the most up-to-date installation instructions by visiting trex.com.

**HOW WE MAKE GREEN GREENER DURING PRODUCTION**

We use reclaimed wood from woodworking operations, used pallets and sawdust.

**END-TO-END/END-TO-WIDTH AND ABUTTING GAP**

<table>
<thead>
<tr>
<th>Width-to-Width Gap</th>
<th>End-to-End/End-to-Width</th>
<th>Abutting Gap</th>
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<tr>
<td>3 mm – 5 mm</td>
<td>3 mm</td>
<td>6 mm</td>
</tr>
<tr>
<td>Above 4.5°C</td>
<td>5 mm</td>
<td>13 mm</td>
</tr>
<tr>
<td>Below 4.5°C</td>
<td>5 mm</td>
<td>13 mm</td>
</tr>
</tbody>
</table>

*Temperature at installation.

**END-TO-END/END-TO-WIDTH**

Gap Trex decking end-to-end, based upon the temperature at installation. See chart at left.

**Abutting Solid Objects**

When decking is abutting a wall, you must also gap it 6—13 mm depending on the temperature at installation. See chart at left.
HOW TO INSTALL UNIVERSAL HIDDEN FASTENERS

**PARTS**

- Start Clip
- Universal Fastener

**TOOLS NEEDED**

**NOTE:** Maximum spacing of deck boards using Hideaway system is 406 mm on center. Fasteners provide 6 mm gap when installed correctly.

### Installing Start Clips and First Board
1. Install start clips on edge of ledger board, centered on each joist. Secure clips with screws.
2. Push grooved edge of deck board into start clips. **Important:** First board MUST be straight and well secured.

### Install Universal Fasteners
3. Insert fastener into grooved edge of deck board.
4. Align screw hole in fastener with center of joist. Continue along the length of the board at every joist. **NOTE:** Screw only half way down. DO NOT fully tighten.

### Installing Second Board
5. Slide second board into place, making sure fasteners fit into groove. Install the next universal fastener on the other side of the second board in the same manner as Steps 3 and 4. DO NOT fully tighten the screw.

### Complete Installation
6. Tighten screws on fasteners in first row. Proceed with Steps 3 through 5, tightening down each row after board that follows is in place. Be sure to use a long #1 square bit.

### Installing Last Board
**Option 1:** Using Fascia Board
7a. Pre-drill pilot hole at an angle through grooved edge of deck board into ledger board. Install 64 mm screws through pilot holes to secure. Attach a fascia board flush with deck surface.

**Option 2:** With Deck Board Overhang
7b. Pre-drill pilot holes at 45° angle from below deck surface through rim joist. Seat last board into fasteners overhanging rim joist. Secure board with 64 mm screws using pilot holes. Position fascia board below overhanging deck board.

### Installing Third Board
8. Slide third board into place, making sure fasteners fit into groove. Install the next universal fastener on the other side of the third board in the same manner as Steps 3 and 4. DO NOT fully tighten the screw.

### Complete Installation
9. Tighten screws on fasteners in first row. Proceed with Steps 3 through 5, tightening down each row after board that follows is in place. Be sure to use a long #1 square bit.

### Installing Start Clip Universal Fastener
10. Install start clip on edge of ledger board, centered on each joist. Secure clip with screw.
11. Push grooved edge of deck board into start clip. **Important:** First board MUST be straight and well secured.

### Install Universal Fasteners
12. Insert fastener into grooved edge of deck board.
13. Align screw hole in fastener with center of joist. Continue along the length of the board at every joist. **NOTE:** Screw only half way down. DO NOT fully tighten.

### Installing Second Board
14. Slide second board into place, making sure fasteners fit into groove. Install the next universal fastener on the other side of the second board in the same manner as Steps 3 and 4. DO NOT fully tighten the screw.

### Complete Installation
15. Tighten screws on fasteners in first row. Proceed with Steps 3 through 5, tightening down each row after board that follows is in place. Be sure to use a long #1 square bit.

### Installing Last Board
**Option 1:** Using Fascia Board
16. Pre-drill pilot hole at an angle through grooved edge of deck board into ledger board. Install 64 mm screws through pilot holes to secure. Attach a fascia board flush with deck surface.

**Option 2:** With Deck Board Overhang
17. Pre-drill pilot holes at 45° angle from below deck surface through rim joist. Seat last board into fasteners overhanging rim joist. Secure board with 64 mm screws using pilot holes. Position fascia board below overhanging deck board.

### HOW TO REPLACE TREX® BOARDS INSTALLED WITH UNIVERSAL FASTENERS

1. Remove screws from fasteners on both sides of board to be replaced and remove board.
2. Angle new board to place. See inset box (above).
3. Slide a fastener for each joist into board grooves from both ends of the board. **NOTE:** You may have to loosen adjacent boards to slide fasteners into position.
4. Position replacement board and secure fasteners on center of each joist.

### TIPS FOR INSTALLING A TREX® HIDEAWAY® HIDDEN FASTENING SYSTEM

**Installing Angled Deck Boards in Corners**

1. Install 254 mm–305 mm framing boards along joists where seams will butt.
2. Place additional fasteners on the adjacent board over the joist and framing boards where the seam will be.
3. Put the first board of the seam in place and secure with fastener.
4. Butt end of second board to first and secure with fastener.
5. Place second set of fasteners on each side of butt seam for next board.

**How to Butt Seams**

1. Install 254 mm–305 mm framing boards along joists where seams will butt.
2. Place additional fasteners on the adjacent board over the joist and framing boards where the seam will be.
3. Put the first board of the seam in place and secure with fastener.
4. Butt end of second board to first and secure with fastener.
5. Place second set of fasteners on each side of butt seam for next board.
CODE COMPLIANCE

JOIST SPACING SPAN CHART (Center to Center)

<table>
<thead>
<tr>
<th>Decking Loading</th>
<th>Residential Decks, Light Duty Docks, Residential/Daycare Playground</th>
<th>Commercial Decks, Boardwalks and Marinas</th>
</tr>
</thead>
<tbody>
<tr>
<td>140 mm x 25 mm Boards</td>
<td>4788 N/m²</td>
<td>4788 N/m²</td>
</tr>
<tr>
<td></td>
<td>406 mm</td>
<td>406 mm</td>
</tr>
<tr>
<td></td>
<td>305 mm</td>
<td>305 mm</td>
</tr>
</tbody>
</table>

SPECIAL PATTERNS

When planning a unique pattern, you will need to adjust the framing to support the surface pattern. Many decks are designed to take advantage of angles, as shown below.

Herringbone Pattern
Tile Pattern
Picture Frame Pattern

ADJUST JOIST SPANNING TO ACCOMMODATE ANGLED DECKING PATTERNS

- **90°**: Perpendicular to joists. See chart below.
- **60°**: At a 60° angle, maximum joist spanning is 51 mm less than listed in the chart below.
- **45°**: At a 45° angle, maximum joist spanning is 102 mm less than listed in the chart below.
- **30°**: At a 30° angle, maximum joist spanning is 1/2 of the distance listed in the chart below.

TREX RECOMMENDATIONS WHEN USING WITH A BEARER SYSTEM:

A bearer system is a substructure between a solid surface and Trex decking. Drainage, access, and airflow are critical. Water must be able to flow through and away from the deck. For repairs and removal of debris, bearer system access may be necessary.

It is recommended that building code approved structural material be used as the supports.

End to End gapping rules are required when installing Trex Decking. See chart on page 12.

This system should not be allowed to float; it must be attached in a manner that secures the framing/system.

The bearer system must be level and have no uneven undulations. Any uneven areas of the substructure will transfer to the Trex decking, resulting in uneven decking.

Trex, when used with a bearer system, must be supported below its entire length and if using in a roofing application, the supports must run the direction of the pitch of the roof to facilitate proper drainage. Bearer should be placed perpendicular to the deck board orientation.

- For Commercial applications it is recommended to consult local building code official for specific requirements.
- If installing decking at angle, decrease spans 100 mm (4") for each of the above. (305 mm/12" for residential and 204 mm/8" for commercial).
- For bearer systems where little debris (leaves, sand, dirt) can accumulate either between or under deck boards, a minimum of 38 mm (1.5") height is allowable and Trex Universal Hidden Fasteners can be used. (Note that Trex recommended composite decking screws are too long when using 38 mm (1.5") height as this will penetrate through the bearer.) For areas with the potential for debris buildup, a minimum 89 mm (3.5") or greater height is recommended to allow the debris to be removed along with the use of either Trex Universal Hidden fasteners or Trex recommended screws.
- Always consult your local building code authority for proper details on roof and railing installation to the roof structure if required.
- Any deviation from these recommendations could result in the voiding of the Trex warranty.

HOW WE MAKE GREEN GREENER & STAY THAT WAY

We regularly seek out third-party audits to make sure we’re continuously improving our green practices while meeting all environmental, health and safety guidelines and regulations.

Note: The ends of deck boards cannot overhang joist by more than 10 mm.

For a Materials Safety Data Sheet (MSDS), please visit trex.com

For a Materials Safety Data Sheet (MSDS), please visit trex.com
STAIRS

Stairway Detail
- Fasten stair treads continuously across at least four stringers.
- See chart (at right) for center-to-center spacing of profiles.
- Dress the sides of the stringers and risers with Trex® fascia or trim for a finished look.
- Gapping between Trex boards on stair treads must be 6 mm–10 mm.
- The overhang of the stair tread is not to exceed 13 mm.

MAXIMUM SPACING OF STAIR JOISTS
(Center to Center)

| 51 x 152 mm, 25 x 152 mm Boards | 305 mm |

HOW TO INSTALL STAIR TREADS

Installation Options

Option 1: Using Hidden Fasteners
1. Install start clips against riser on each step.
2. Install first board.
3. Install second board.
4. Secure with screws from top of second board into stringer boards.

Option 2: Using 51 mm x 102 mm Wood Support Blocks
1. Install start clips against riser on each step.
2. Install first board.
3. Attach 51 mm x 102 mm long wood support blocks between stringers.
4. Pre-drill holes up through blocks.
5. Install second board.
6. Secure with screws from bottom through blocks and into stair treads.

HOW TO INSTALL TREX TRANSCEND® CLASSIC RAILING

Trex railing is suitable for residential decks with a deck board height up to 600 mm from the ground. For higher level decks or commercial decks please contact your local Trex supplier or retailer for advice.

Attaching the Inverted Universal Rail

7. Place inverted universal rail onto RSBs with balusters in channel. Attach universal rail to RSBs with two self-tapping screws (provided).
8. Place deck boards over universal rails. Attach boards on each post with Trex-recommended composite screws at an angle at a diagonal. Secure boards to universal rails with 51 mm pan-head screws (provided) every 406 mm on center.

Important: ONLY for use with 102 mm x 102 mm post and post sleeve. Cutting post and post sleeve only apply to the Classic style railing. Universal Railing Kit is required.

1. Installing Pressure-Treated Posts
See instructions on page 18.

Cutting Post and Post Sleeve

1a. Mark and cut post and post sleeve measuring from deck surface:
- 919 mm for 914 mm height.
- 1072 mm for 1067 mm height.

2. Installing Post Sleeve Skirts and Post Sleeves
See instructions on page 18.

3. Installing Railing Support Brackets (RSBs)
See instructions on page 18.

4. Attaching Universal Rail and Foot Block
See instructions on page 19.

5-6. Placing Baluster Spacers and Balusters
See instructions on page 19.
HOW TO INSTALL TREX TRANSCEND® STANDARD RAILING

Trex railing is suitable for residential decks with a deck board height up to 600 mm from the ground. For higher level decks or commercial decks please contact Arbor Forest Products Ltd for advice.

**Read all instructions BEFORE installation.**

**Important:** Post sleeves are NOT to be cut for this design style.

**Installing Pressure-Treated Posts**

- Posts are to be installed 1.83 m or 2.44 m on center to accommodate appropriate railing length.
- Attach posts using 13 mm carriage bolts.
- Minimum joist size is 51 mm x 203 mm.
- Top bolts must be 25 mm from tops of joists.
- Bottom bolts must be 130 mm from top bolts.

**NOTE:** Blocking can be added for extra strength.

**Installing Post Sleeve Skirts and Post Sleeves**

1. Slide post sleeve skirt over post and down to rest on decking surface. Slide post sleeve over post and position inside post sleeve skirt.

**NOTE:** Shims can be used to plumb post sleeves.

**Installing Railing Support Brackets (RSBs)**

**Option 1:** Without TrexExpress™ Railing Template

3a. Mark 140 mm and 891 mm from deck surface OR for 1067 mm height, mark 140 mm and 1043 mm from the deck surface.
3b. Place RSBs directly under marks, center on posts, and secure with 51 mm wood screws (provided with post sleeve). Place top RSBs flat side up, bottom RSBs flat side down.

**Option 2:** With TrexExpress Railing Template

3c. Place RSBs in template. Place top RSBs flat side up, bottom RSBs flat side down. Secure template on post with tape or rubber band, with bottom of template resting on post skirt.
3d. Secure RSBs with 51 mm wood screws (provided with post sleeve) and remove template.

**NOTE:** Special steps are necessary when using 152 mm x 152 mm plastic TrexExpress template.
- Cut off 13 mm from the bottom (blue arrows up) of the tool before first use.
- Position top RSBs only, 152 mm higher for 1067 mm rail height.
- Secure RSBs with 64 mm wood screws (provided in railing kit) and remove template.

**Attaching Universal Rail and Foot Block**

4a. Measure between posts and cut rails to same length.

**NOTES:**
- If using optional rail gaskets, subtract 1.5 mm from each end.
- When measuring, cut equal lengths from each end of railing and baluster spacer to ensure equal spacing of balusters per each railing section.
- Attach baluster spacer to railing before cutting to allow for cleaner cut and less work.
- In some cases, the gasket can be attached before tightening railing to RSB.

4b. Center foot block in universal rail channel and attach. **DO NOT** extend foot block.

**Attaching Top Rail**

7. Place top rail on RSBs with balusters in rail channels. Attach top rail to RSB with two self-tapping screws (provided).

8. Slide baluster spacer up and snap into top rail. Place optional top rail gaskets on each end of rail.

**Attaching Post Caps**

9. Secure post caps with silicone or PVC adhesive.

**NOTE:** Clean-up any excess adhesive before drying.

6. Snap baluster spacer into bottom rail. Place inverted baluster spacer on top of first baluster spacer. Place balusters in baluster spacer holes.

**NOTE:** If using Contemporary balusters, also use Contemporary baluster connectors to ensure a tight fit of the balusters (this will help prevent balusters from rattling).
- Install without using screws (screws are included in connector packaging and screws are used only with Designer Railing).
- Install bottom connector tight into contemporary baluster.
- Install top connector approximately half way into contemporary baluster.
- Contemporary balusters should then have a snug fit when placing into the baluster spacers in the horizontal position—if not, adjust the depth of the connector.
EUROPEAN PHYSICAL & MECHANICAL PROPERTIES
TREX TRANSCEND® AND TREX ENHANCE®

<table>
<thead>
<tr>
<th>CRITERION</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
<th>TEST EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bending Modulus</td>
<td>PrEN 15534-1:2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trex Transcend &amp; Enhance (25.4 mm)</td>
<td>Deflection under load of 500N &lt; / = 2.0 mm</td>
<td>Pass</td>
<td>3 point bend test to determine the amount of flexibility at break that a sample possesses</td>
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<tr>
<td>Breakage Modulus (psi)</td>
<td>PrEN 15534-1:2012</td>
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<td></td>
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<tr>
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<td>F’ max &gt; / = 3300 N</td>
<td>Pass</td>
<td>Maximum amount of force in a 3 point bend test that it takes to break a sample</td>
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<tr>
<td>Determination of Slipperiness</td>
<td>PrEN 15534-1: Angle/Quality Class</td>
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<td>28 / C</td>
<td>Well-loaded barefooted areas, walking method ramp test</td>
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<td>Well-loaded barefooted areas, walking method ramp test</td>
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<td>EN ISO 19925-2:2010 &amp; EN ISO 9239-1:2010</td>
<td>Classification</td>
<td>Classification according to EN 13501-1</td>
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<tr>
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<td>Classification</td>
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<td>1000 gram striker falling from 700mm. Distance between supports is 500 mm. Must not indent more than 3 / 8 / 0.03mm</td>
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<table>
<thead>
<tr>
<th>CRITERION</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
<th>TEST EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal Expansion Coefficient</td>
<td>ASTM D696</td>
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<td></td>
</tr>
<tr>
<td>Transcend and Enhance</td>
<td>Width</td>
<td>8.94 x 10 – 5 cm/cm/C</td>
<td>Distance a 304.8 mm sample expands or contracts in the width direction at various temperatures</td>
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<tr>
<td></td>
<td>Length</td>
<td>4.1 x 10 – 5 cm/cm/C</td>
<td>Distance a 304.8 mm sample expands or contracts in the length direction at various temperatures</td>
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<tr>
<td>Compressive Strength</td>
<td>ASTM D695</td>
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<td>Transcend and Enhance</td>
<td>Surface</td>
<td>12.45 MPa</td>
<td>Force required to compress the surface of a sample between two (2) 50 mm spheres for a 0.2 mm indentation</td>
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<tr>
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<td>Edge</td>
<td>13.40 MPa</td>
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</tr>
<tr>
<td>Relative Density [g/cm³]</td>
<td>ASTM D792</td>
<td>1.05</td>
<td>Mass per unit volume as compared to water (1.05 g/cm³)</td>
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<tr>
<td>Transcend and Enhance</td>
<td>Width</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resistance to Fungal Infestation</td>
<td>ASTM D1413</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transcend and Enhance</td>
<td>[Brown, White Rot]</td>
<td>No decay</td>
<td>Samples are subjected to wood destroying fungi (white and brown rot) and evaluated for decay and weight loss</td>
</tr>
<tr>
<td>Screw Retention</td>
<td>ASTM D1761</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transcend and Enhance</td>
<td>#8 screws</td>
<td>1.37725 N/mm</td>
<td>Amount of force it takes for a screw to be removed from a deck board</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ASTM D1037</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transcend and Enhance</td>
<td>Vol. %</td>
<td>&lt;0.5%</td>
<td>Weight gain measurement of a deck board when immersed in water for 24 hrs</td>
</tr>
<tr>
<td>Mass %</td>
<td>0</td>
<td>Change in mass measurement of a deck board when immersed in water for 24 hrs</td>
<td></td>
</tr>
</tbody>
</table>

* German/Euro lab = “eph” – Entwicklungs- und Prüflabor Holztechnologie GmbH (Dresden, Germany)

**Use of products containing bleach or acid will lighten the surface of Trex. Use an inconspicuous area to determine whether you like the effect. Neither product will affect the structural integrity of Trex.**

***Mr. Clean® and Magic Eraser® are registered trademarks of The Procter and Gamble Company.***

****Mass % = Mass per unit volume as compared to water (1.05 g/cm³).**

TREX TRANSCEND® AND TREX ENHANCE® CARE AND CLEANING GUIDE

All exterior building materials require cleaning. Generally, soap and water is all that is required to clean Transcend and Enhance products. For further information, see below.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dirt and Debris</td>
<td>The affected area should be sprayed off with a hose to remove surface debris. Use warm soapy water and a soft bristle brush to remove dirt and debris from the embossing pattern.</td>
</tr>
<tr>
<td>Chalk Lines</td>
<td>Most colored chalks are permanent and may discolor the surface. Use only chalk lines that contain chalk that can be easily removed or washed off.</td>
</tr>
<tr>
<td>Tannins Due to Debris</td>
<td>Remove all debris from the deck using a hose or broom. Once the deck surface is dry, apply a Deck Brightener† to the deck as directed by the manufacturer. Deck Brighteners contain oxalic acid, which will also remove tannins.</td>
</tr>
<tr>
<td>Ice and Snow</td>
<td>A plastic shovel may be used to remove snow from the deck. Use calcium chloride or rock salt to melt the snow and ice from the deck surface.</td>
</tr>
<tr>
<td>Oil, Grease and Food</td>
<td>All food spills should be removed as soon as possible. The surface must be cleaned within seven days to maintain the stain warranty. To remove, spray off with a hose and use warm, soapy water and a soft bristle brush to remove spills from the embossing pattern.</td>
</tr>
<tr>
<td>Mold and Mildew</td>
<td>If debris such as pollen and dirt is allowed to remain on the deck surface, mold can feed on the biofilm. Using a hose and warm, soapy water with a soft bristle brush is recommended to remove the food source and mold.</td>
</tr>
<tr>
<td>Using a Pressure Washer</td>
<td>A pressure washer with no greater than 3100 psi** that has a fan attachment/adjustment and soap dispenser may be used to remove dirt, concrete dust, or other types of construction dirt. Spray deck with soap, then follow with gently scrubbing each deck board with a soft bristle brush. Spray/rinse each individual deck board using a fan tip no closer than 8” from the deck surface. Rinse THOROUGHLY. If dirty water from cleaning is left to dry, this will cause a film to remain on the decking surface.</td>
</tr>
<tr>
<td>Maintaining Transcend Railing</td>
<td>A Factory runoff is recycled back into the manufacturing line. The processes mentioned at Trex eliminate any need for smokestacks.</td>
</tr>
</tbody>
</table>

HOW WE MAKE GREEN GREENER IN OUR FACTORIES

<table>
<thead>
<tr>
<th>FACTORY RUNOFF IS RECYCLED BACK INTO THE MANUFACTURING LINE</th>
<th>THE PROCESSING METHODS AT TREX ELIMINATE ANY NEED FOR SMOKESTACKS</th>
</tr>
</thead>
</table>

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Dupli-Color Scratch Seal™ Clear Sealer Pen. *****

* ASTM (American Society for Testing of Materials) tests conducted at Washington State University (Pullman, WA, USA)
TREX® LIMITED WARRANTY

Trex® Company, Inc. (hereinafter “Trex”) warrants to the original purchaser (“Purchaser”) that, for the period of time set forth in the following sentence, under normal use and service conditions, the Trex® products shall be free from material defects in workmanship and materials, and shall not split, splinter, rot or suffer structural damage from termites or fungal decay. The term of such warranty shall be twenty-five (25) years from the date of original purchase for a residential application, and ten (10) years from the date of original purchase for a commercial application. If a defect occurs within the warranty period, Purchaser shall notify Trex in writing and, upon confirmation by an authorized Trex representative of the defect, Trex’s sole responsibility shall be, at its option, to either replace the defective item or refund the purchase price paid by Purchaser for such defective item. Cost of labor or any other items not included in the cost of its initial installation.

Notwithstanding the foregoing, (a), the term of the warranty for the LED lights and housing for Trex® DeckLighting™ shall be seven (7) years, the term of the warranty for the LED lights and housing for Trex® LandscapeLumig™ shall be five (5) years, and the term of the warranty for the dimmer, timer and transformer for both shall be three (3) years, in each case provided that a DeckLighting® transformer is used (with no warranty on any components if a Transformer is not used), and any other parts or accessories shall not be warranted; (b) with respect to hardware for the Trex® Surroundings® gate (gate frame, hinges and screws), the term of warranty shall be five (5) years, (c) with respect to Decorative Balusters, the term of the warranty covering the paint coating shall be ten (10) years, and shall be prorated in the following manner: 100% replacement for the first five (5) years; and 50% replacement for the next five (5) years, and (d) this warranty shall not apply to Trex® Elevations® steel deck framing, Trex® Reveal™ aluminum railing and Trex® Trim™ (which each have separate warranties).

For purposes of this warranty, a “residential application” shall refer to an installation of the Product on an individual residence, and a “commercial application” shall refer to any installation of the Product other than on an individual residence.

THIS WARRANTY SHALL NOT COVER AND TREX SHALL NOT BE RESPONSIBLE FOR COSTS AND EXPENSES INCURRED WITH RESPECT TO THE REMOVAL OF DEFECTIVE TREX PRODUCTS OR THE INSTALLATION OF REPLACEMENT MATERIALS, INCLUDING BUT NOT LIMITED TO LABOR AND FREIGHT.

With respect to a residential application, this warranty may be transferred once (1) time, within the five (5) year period beginning from the date of original purchase by the Purchaser; to a subsequent buyer for the property upon which the Trex products were originally installed. With respect to a commercial application, this warranty is freely transferable to subsequent buyers of the property upon which the Trex products were originally installed.

To make a claim under this limited warranty, Purchaser, or the transferee, shall send to Trex, within the warranty period referred to above, a description of the claimed defect and proof of purchase, to the following address:

Trex Company, Inc.
Customer Relations
160 Exeter Drive
Winchester, VA 22603-8605
U.S.A.

Trex does not warrant against and is not responsible for, and no implied warranty shall be deemed to cover, any condition attributable to: (1) improper installation of Trex products and/or failure to abide by Trex’s installation guidelines, but including but not limited to improper ripping; (2) use of Trex products beyond normal use and service conditions, or in an application not recommended by Trex’s guidelines and local building codes; (3) movement, distortion, collapse or settling of the ground or the supporting structure on which Trex products are installed; (4) any act of God (such as flooding, hurricane, earthquake, lightning, etc.), environmental condition as such air pollution, mold, mildew, etc., staining from foreign substances (such as dirt, grease, oil, etc.), or normal weathering (defined as exposure to sunlight, weather and atmosphere which will cause any colored surface to gradually fade, chalk, or accumulate dirt or stains); (5) variations or changes in color of Trex products; (6) storage, handling or neglect of Trex products by Purchaser, the transferee or third parties; (7) ordinary wear and tear.

No person or entity is authorized by Trex to make and Trex shall not be bound by any statement or representation as to the quality or performance of Trex products other than as contained in this warranty. This warranty may not be altered or amended except in a written instrument signed by Trex and Purchaser.

UNDER NO CIRCUMSTANCES WILL TREX BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER SUCH DAMAGES ARE Sought IN CONTRACT, IN INFRINGEMENT OF ANY PATENT OR TRADE SECRET, OR OTHERWISE, AND TREX’S LIABILITY WITH RESPECT TO DEFECTIVE PRODUCTS SHALL IN NO EVENT EXCEED THE REPLACEMENT OF SUCH PRODUCTS OR REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE.

For the term set forth below, Trex Company, Inc. (hereinafter “Trex”) warrants to the original purchaser (the “Purchaser”) that Trex Transcend®, Trex Enhance®, Trex Contour®, and Trex® Faschia are covered under this limited warranty coverage:

Term of Warranty: The term of this warranty shall begin on the date of original purchase, and shall end twenty-five years from the date of original purchase of the application of the Product, and ten (10) years thereafter for a commercial application of the Product.

Warranty Coverage:

Surface Damage: Damage from water, chemicals, pond, salt water, sun, extreme heat sources (over 275 degrees), extreme cold, oxygenating spas, “drainage” areas, or exposed to direct or indirect sunlight. Exclusion: Trex products are fade proof when exposed to years of UV exposure in a normal outdoor environment, provided that such substances are not used. Trex Company, Inc.

Exposure to Heat: Direct or indirect contact with extreme heat sources (over 275 degrees) may cause fading and may damage the surface of the Product, and any effects of such exposure are expressly excluded from coverage under this warranty. Replacement material will be provided that is as close as possible in color, design and quality as the replaced material, but Trex does not guarantee an exact match as colors and design may change.

Certain nations do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from nation to nation.

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EXCLUSIONS FROM WARRANTY COVERAGE:

Replacement material will be provided that is as close as possible in color, design and quality as the replaced material, but Trex does not guarantee an exact match as colors and design may change.

3. Upon confirmation by an authorized Trex representative of the defect, Trex’s sole responsibility shall be, at its option, to either replace the affected item or refund the purchase price paid by Purchaser for such affected item. Replacement material will be provided that is as close as possible in color, design and quality as the replaced material, but Trex does not guarantee an exact match as colors and design may change.

4. If a valid warranty claim is made during years eleven (11) through twenty-five (25) after the original purchase of an accessory installation of replacement material will be provided that is as close as possible in color, design and quality as the replaced material, but Trex does not guarantee an exact match as colors and design may change.

5. This warranty shall not cover and Trex shall not be responsible for, and any other items not included in the cost of initial purchase for a residential application, recovery of the transferee, shall send to Trex, within the warranty period referred to above, a description of the claimed defect and proof of purchase, to the following address:

2. To make a claim under this limited warranty, Purchaser, or the transferee, shall send to Trex, within the warranty period referred to above, a description of the claimed defect and proof of purchase, and if the claim relates to the transferee, shall comply with paragraph 1. above, to the following address:

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160 Exeter Drive
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5. This warranty shall not cover and Trex shall not be responsible for, and any other items not included in the cost of initial purchase for a commercial application, recovery of the transferee, shall send to Trex, within the warranty period referred to above, a description of the claimed defect and proof of purchase, to the following address:

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