

Trex®

2014 INSTALLATION GUIDE
TREX® DECKING
AND RAILING

decking & railing



TREX TRANSCEND® DECKING & RAILING

The ultimate expression of beauty and function joins forces with unsurpassed fade and stain resistance



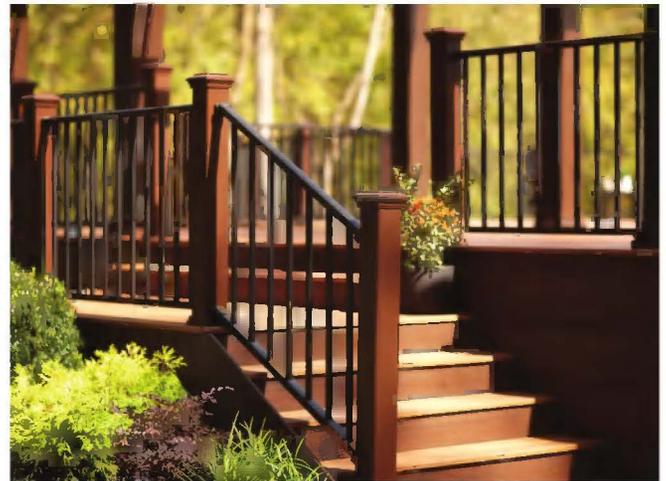
TREX ENHANCE® DECKING

All the beauty (and none of the bother) of real wood



TREX SELECT® DECKING & RAILING

Easy design scheme brings accessible luxury right to your doorstep



TREX REVEAL® ALUMINUM RAILING

A sleek yet sturdy profile specially crafted to complete your deck while emphasizing the view beyond it

ON THE COVER

decking: Transcend® in Spiced Rum

railing: Trex® posts in Classic White and Transcend in Vintage Lantern with a Tree House cocktail rail and round aluminum balusters

ALSO AVAILABLE

TREX® ADA HANDRAIL

Complementary and compliant

Trex® Installation Guide

In your hands, you're holding everything you need to begin building with Trex® decking and railing. This step-by-step guide will show you how to create a beautiful outdoor living space that fits perfectly into your or your client's lifestyle.

Trex has been proven in the field. After more than twenty years of unparalleled performance, it offers warm, natural beauty and inviting comfort that no other product can match. Maybe that's why Trex is asked for by more customers than any other brand in the business.



TREX® INSTALLATION GUIDE

CONTENTS

SECTION ONE: General Information

General Tips.....	6
Trex CustomCurve® (Bending Trex)	6
Job Site Storage	6
Safety	7
Tools	7
Care and Cleaning	8
Mold Technical Bulletin.....	11
Painting Technical Bulletin	12
Physical and Mechanical Properties	13
Glossary of Terms	16

SECTION TWO: Planning Ahead

Trex® Decking	19
Railing (Including ADA Handrail)	19
Trex® Lighting	19
Trex® RainEscapes® Drainage System.....	19
Installing Hot Tubs, Planters, and Seating.....	19
Installing Fireplaces and/or Fire Pits	19
Installing a Pergola.....	20
Installing a Trex Spiral Staircase.....	20
Special Patterns	20

SECTION THREE: Lighting

Lighting Specifications and Profiles	22
--	----

How to Install Trex® DeckLighting™

Parts List/Tools Needed	24
Lighting and Wiring Overview.....	24
General Information	25
Planning	25
Installing Wiring	25
Making Connections	25
Installing Post Cap Lights	26
Installing Deck Rail Lights.....	26
Installing Riser Lights.....	27
Installing Recessed Deck Lights	27

How to Install Trex® LandscapeLighting™

Parts List/Tools Needed	28
How to Install Trex Well Light, Path Lights, and Wall Washlight	29
How to Install Trex Spotlight.....	30

SECTION FOUR: Decking

Decking Specifications and Profiles	33
Trex Hideaway® Hidden Fastening System	34
Decking Fasteners.....	35

Framing and Fastening Tips	37
Dock Applications.....	37
Rooftop Decks and Sleeper Systems.....	38
Code Compliance	39
Gapping	40
Stairs	41

How to Install Decking

Tips for Installing a Trex Hideaway® Hidden Fastening System (Stainless Steel or Universal).....	42
How to Install Trex Hideaway Stainless Steel Fasteners.....	43
How to Install Trex Hideaway Universal Hidden Fasteners.....	44
How to Install Trex Escapes® Boards with Trex Hideaway Universal Fasteners	45
How to Replace Trex® Boards	45
Installed with Stainless Steel Fasteners.....	45
Installed with Trex Hideaway Universal Fasteners.....	45
How to Install Stair Treads	46
How to Install Trex Transcend® Porch Floorboards	47
How to Install Porch Stair Treads	48
How to Install Post Mounts on Deck Board	49
How to Install Post Mounts on Concrete.....	50

SECTION FIVE: Railing

Trex Transcend® Railing Specifications and Profiles	53
Trex Transcend Railing Systems.....	54
Reveal® Aluminum Railing Specifications and Profiles ..	55
Trex Select® Railing	56
Traditional Railing Specifications and Profiles.....	57
ADA Railing Specifications and Profiles.....	58

Trex Transcend® Railing

Parts List	59
Determining Balusters Needed.....	59
Trex Transcend Railing Styles	60
How to Install Standard Crown or Beveled Railing.....	61
How to Install Classic Railing.....	63
How to Install Colonial Railing	64
How to Install Round or Square Aluminum Balusters.....	65
How to Install Standard Glass Panel - Crown or Beveled.....	67
How to Install Classic Style Glass Panel Railing	68
How to Install Colonial Style Glass Panel Railing.....	70
Customizing Your Railing.....	73
How to Install On-An-Angle Railing	73
How to Install Bird's Mouth Railing	74
How to Install Crown, Universal, and Beveled Stair Railing.....	76
How to Install Foot Blocks	78

Trex Reveal® Railing	
Parts List	79
Determining Balusters Needed.....	79
Bracket Hardware - Horizontal Applications	80
Bracket Hardware - Stair Applications	81
Location and Installation of Posts.....	83
Railing Configurations	83
How to Install Horizontal Railing	86
How to Install Horizontal Swivel Brackets.....	92
How to Install Horizontal Swivel Railing	93
How to Install Foot Blocks - Horizontal Railing	95
How to Install Stair Posts and Stair Railing.....	96
Attaching Stair Brackets.....	97

Trex Select® Railing	
Parts List	104
Determining Balusters Needed.....	104
How to Install Trex Select® Railing	105
How to Install Trex 45 Degree Adaptor.....	108
How to Install Trex Select Stair Railing.....	109
How to Install Trex Select Railing Foot Blocks	112
How to Install Trex Select Foot Block for Stair Railing	113

Trex Traditional Railing	
Parts List	114
Traditional Railing Styles	115
How to Install Raised Railing - Standard Balusters/ Option 1	116
How to Install Raised Stair Railing/Option 1	117
How to Install Raised Railing - Round Aluminum Balusters/Option 2.....	118
How to Install Raised Stair Railing/Option 2	120
How to Install Raised Railing - Architectural Balusters/Option 3.....	122
How to Install Raised Stair Railing/Option 3	124
Installing Foot Blocks	124

Trex ADA Railing	125
-------------------------------	-----

SECTION SIX: Warranties

Trex Transcend®, Enhance®, Select®, and Fascia Limited Fade and Stain Warranty	130
Trex Limited Warranty	133
Trex Reveal® Warranty	135

Color Palette	Inside Back Cover
---------------------	-------------------

NEED HELP?

Trex provides a variety of valuable resources to answer your questions or concerns. For additional assistance, check out:

» **Trex.com**

Here you will find a wealth of useful information on Trex's extensive product portfolio, installation and care and cleaning instructions and videos, technical help and FAQs. You'll also find inspiring photos of deck projects, steps to help you plan and start your project and tips on selecting the right deck builder. At **trex.com**, you can request information, register your warranty and reach out to customer service representatives who can answer even more questions.

» **Social Networks**

Share and discuss your Trex project on our social media sites. Join the conversation on **Facebook** (TrexCompany), **Twitter** (Trex_Company), **Pinterest** (trexcompany), **YouTube** (TheTrexCo) and **LinkedIn** (Trex Company).

» Check out the Trex blog at <http://www.trex.com/inspiration/blog> where you'll find articles to inspire you, inform you and help answer your questions. We'd love to hear from you so leave a comment when you stop by.

» Call **1-800-BUY-TREX (1-800-289-8739)** and speak to a live technical support representative who can answer your questions.

» Email your question or concern to **question@trex.com** and we'll get back to you quickly.

From time to time, Trex revises its installation instructions. To ensure you have the most up-to-date installation instructions, please visit *trex.com*.

GENERAL TIPS

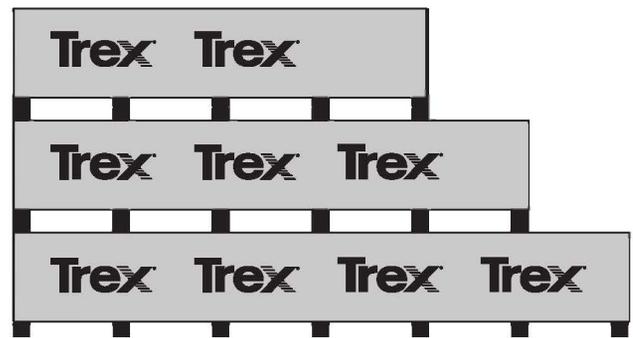
- » Most colored chalk lines are permanent. **Use baby powder or Irwin Strait-Line®* Dust-Off Marking Chalk available at Irwin.com**
- » We **DO NOT** recommend sanding. Sanding will change the appearance of the surface of Trex® material and **will void the warranty with respect to any condition caused by such sanding.**
- » When drilling large or deep holes, periodically lift the bit out of the hole to remove the shavings.
- » Throughout this guide, feet are converted to meters and inches to centimeters.
- » If you want to minimize the appearance of joists through the spaces between boards, paint the top of your joists black.
- » Trex® decking and railing 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. For information on Trex Elevations® Steel Deck Framing, see trex.com.
- » Construction methods are always improving. Please make sure you have the most up-to-date installation instructions by visiting trex.com.



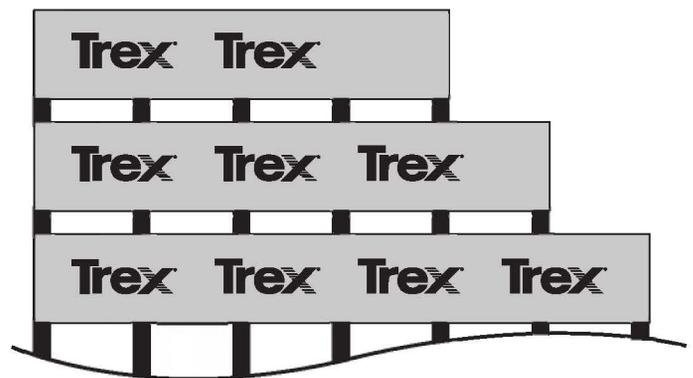
JOB SITE STORAGE

Remember when storing Trex decking, railing, and trim:

- » You must store Trex outdoor-living products on a flat and level surface. Adjust support blocks accordingly.
- » You must support Trex products with dunnage when placing bundles.
- » When stacking Trex products, supports should start at each end and be spaced 2' (0.61 m) on center. Supports should line up vertically.
- » **DO NOT** stack Trex higher than six bundles (units) or 12' (3.7 m) high.
- » **Cover material on site until you are ready to install it.**



Units of Trex lumber on level ground.



Units of Trex lumber on uneven ground.

Trex® CustomCurve®

HEATING & BENDING SOLUTION

Trex is the first brand to have a bending solution exclusively for contractors, giving you the ability to create those unique, showpiece decks that are unmistakably Trex.** For more information, visit trexpartners.com.

NOTE: Trex Transcend® Porch boards cannot be bent.



ALWAYS GREEN: Trex decking is made of 95% recycled materials, including plastic film, reclaimed wood, and sawdust.

*Strait-Line® is a registered trademark of Irwin Industrial Tool Company.

**Trex® CustomCurve® is manufactured and distributed by Curvelt, LLC. Trex® and CustomCurve® are trademarks of, and are used by Curvelt, LLC under a license with, Trex Company, Inc.

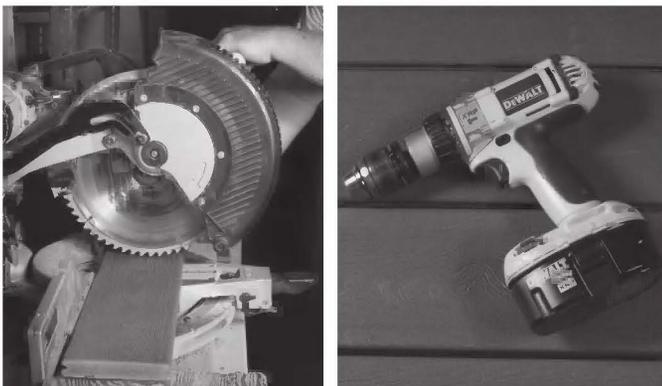
SAFETY

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 www.trex.com for Material Safety Data Sheets (MSDS).

TOOLS

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

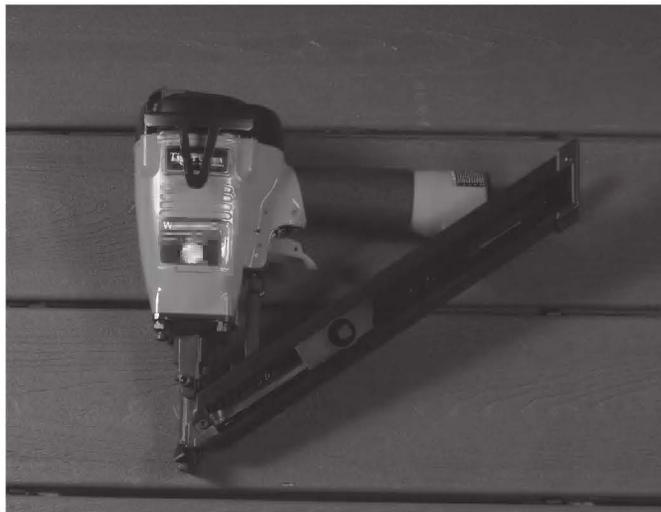


When using a miter saw, we recommend using the Trex® Blade™. This comes in 3 different sizes and is ideal for cutting all our decking and railing products (these are not recommended for cutting Trex Elevations®). Refer to www.trex.com for more information.

Install Trex recommended fasteners with standard power drills.

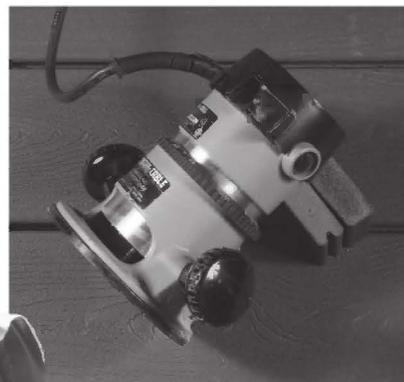


Screw guns provide a quick and easy way to fasten Trex.



The pneumatic gun by Tiger Claw®* is designed to dramatically decrease the time it takes to install a deck. Strong, lightweight, and durable, the gun uses Trex Hideaway® fasteners. Trex Gun Pail includes 900-count connector clips and TC-SG collated pneumatic screws.

Trex routs beautifully to give extremely crisp edges. The groove cutter/router bit is used with the Trex Hideaway fastener system.



⚠ CAUTION

DO NOT rout balusters. Routing will change the surface of Trex products.

*Tiger Claw® is a registered trademark of Tiger Claw, Inc.

TREX TRANSCEND® (DECKING AND RAILING)/TREX ENHANCE®/ TREX SELECT® (DECKING AND RAILING) CARE AND CLEANING GUIDE

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

PROBLEM	SOLUTION
Dirt and Debris	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.
Chalk Lines	High permanence chalk lines may discolor the surface. Use only Irwin Strait-Line®* Dust-Off Marking Chalk (purple), available at <i>Irwin.com</i>
Tannins Due to Debris	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 remove tannins.
Ice and Snow	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.
Oil/Grease/Food	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.
Mold and Mildew	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.
Using a Pressure Washer (Concrete, Stucco, or Ground-in Construction Dirt)	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, and then follow by gently scrubbing each deck board with a soft bristle brush. Spray/rinse each individual deck board using fan tip no closer than 8” from the decking surface. RINSE THOROUGHLY. If dirty water from cleaning is left to dry, this will cause a film to remain on the decking surface.
Rust	Apply a “deck brightener”*** to the deck as directed by the manufacturer. Deck brighteners contain oxalic acid, and will remove the rust stains
Maintaining Transcend® or Select® railing	NEVER use acetone or other solvents on Trex Transcend or Select railing. For color transfer issues (from attachment of baluster spacer), use Mr. Clean®, Magic Eraser® Original*** or Magic Eraser® Extra Power to help remove this. For small surface scratches, marks, or scuffs, use Dupli-Color Scratch Seal® Clear Sealer Pen. ****

*Strait-Line® is a registered trademark of Irwin Industrial Tool Company.

**Use of products containing bleach or acid may lighten the underside or cut areas of the Trex Transcend/Enhance/Select decking.

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

****Scratch Seal® is a registered trademark of The Sherwin-Williams Company.

*****Use of a pressure washer greater than 3100 psi could damage the boards and void the warranty.

NOTE: Refer to www.trex.com to view a general care and cleaning video for Transcend, Enhance, and Select decking.

TREX DECKING AND RAILING GENERAL CARE AND CLEANING GUIDE (EARLY GENERATION COMPOSITE AND PVC)

All exterior building materials require cleaning. Trex recommends periodic cleaning with soap and water (for general dirt and debris) or a commercially available deck cleaner twice a year (for stains or mold/mildew). For additional information, see below.

PROBLEM	SOLUTION
Dirt and Debris	Clean deck to remove dirt and debris. Soap and hot water is all that is needed.
Chalk Lines	Most colored chalks are permanent. For Trex use either baby powder or Irwin Strait-Line®* Dust-Off Marking Chalk available at Irwin.com
Visible Printing	The printing on the side of Trex decking boards are required by building codes. With careful installation, most printing can be hidden. Visible printings can be lightened with acetone.
Water Spots, Leaf Staining and Wood Tannins	Tannin leaching occurs naturally in Trex and all wood-based products. Allow for at least 12 weeks of normal weathering. This process may be hastened through the use of a product containing oxalic or phosphoric acid, commonly known as Deck Brightener.**
Ice and Snow	Calcium chloride or rock salt, available in many home centers, will melt ice on Trex decking. Rinse off when first practical. Use caution when removing snow or ice with a snow shovel, and NEVER use a metal snow shovel on a Trex deck. A shovel may scratch the deck, which is not covered under warranty .
Scuffs and Abrasions	Scuffs and abrasions can fade or disappear naturally after 12 - 16 weeks of weathering. This can be accelerated with a product containing oxalic or phosphoric acid, also known as Deck Brightener**.
Rust Stains, Ground-In Dirt and Grime and Pigment Staining	Use a cleaning product containing oxalic or phosphoric acid base, also know as Deck Brightener, to lighten or remove rust or dirt. Product may need to sit on the stain for 10 - 15 minutes before rinsing.**
Oil/Grease/Food	Rinse the stain with hot water as soon as possible. Use Pour-N-Restore®*** (pour-n-restore.com) as directed for any remaining stain. (Test in a small area first as Pour-N-Restore may remove some of the colorant from the decking surface.)
Mold and Mildew	Semi-annual (spring and fall) cleaning of your deck is important to prevent buildup of pollen and other debris that can support the growth of mold. Refer to Mold Technical Bulletin for specific cleaning recommendations.** NOTE: Trex Escapes® can be effectively cleaned by using a hose and warm, soapy water with a soft bristle brush.
Using a Pressure Washer	Trex does not recommend the use of a pressure washer. The use of a pressure washer on deck surface could damage the decking surface and will void the warranty on standard composite and PVC products with respect to any condition caused by the pressure washing .
Sanding	Trex does not recommend sanding. Sanding will change the appearance of the surface of Trex material and will void the warranty with respect to any condition caused by such sanding .
Disposal	Trex decking and railing products should be disposed with normal construction debris or household waste. DO NOT burn Trex products .

*Strait-Line® is a registered trademark of Irwin Industrial Tool Company.

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

*** Pour-N-Restore® is a registered trademark of Edgewater Industries.

NOTE: Trex does not recommend the placement of rubber or vinyl materials such as those in grill mats, rubber-backed welcome mats, vinyl or PVC potted containers, etc., on the surface of Trex Escapes® for extended periods of time. Over time, additives in the rubber and PVC products have a tendency to migrate from these materials to Trex Escapes, resulting in discoloration of the surface.

NOTE: Refer to www.trex.com to view a general care and cleaning video for early generation composite decking such as Accents decking.

TREX REVEAL® RAILING CARE AND CLEANING GUIDE

Maintaining the appearance of your Trex Reveal railing is important. The occasional wash is recommended as over time your Reveal railing may show signs of weathering as a result of exposure to the elements. The frequency of cleaning will depend on the environment and exposure to various types of elements.

For installations where the atmosphere is influenced by bodies of salt water or other contaminant conditions, cleaning is required every 6 to 9 months. Failure to adhere to the required cleaning guidelines will void the Trex Limited Warranty with respect to any condition resulting from such failure. For purposes of any warranty claim, you should retain documentation of the cleaning date, cleaning method used, brand and amount of chemical used, and invoice from cleaning company (or a receipt for chemicals used).

Regular cleaning may minimize the effects of weathering and remove dirt, grime and other build-up. The best method of maintaining the appearance of your Reveal railing is to occasionally wash it using a solution of warm water and a non-abrasive, pH neutral detergent solution. The railing surface should be thoroughly rinsed after cleaning to remove all residues. Use a soft white cloth, sponge or a soft bristle brush.

DO NOT clean Trex Reveal railing with solvents such as thinners or solutions containing chlorinated hydrocarbons, esters or ketenes.

The following cleaners are recommended for cleaning Trex Reveal railing:

- » Formula 409® Cleaner Degreaser/Disinfectant*
- » Spray Nine® Cleaner/Disinfectant**
- » Simple Green® All Purpose Cleaner***
- » Fantastik® All Purpose Cleaner****
- » Windex® Cleaner*****

** Formula 409® Cleaner Degreaser/Disinfectant is a trademark of Clorox Company.*

*** Spray Nine® All Purpose Cleaner/Disinfectant is a trademark of Illinois Tool Works Inc.*

**** Simple Green® All Purpose Cleaner is a trademark of Sunshine Makers Inc.*

***** Fantastik® All Purpose Cleaner is a trademark of SC Johnson & Son Inc.*

****** Windex® is a trademark of SC Johnson & Son Inc.*

MOLD TECHNICAL BULLETIN

Mold is a lower form of plant life that can settle and grow on any surface, including Trex® decking. Mildew is a form of mold that grows on damp surfaces.

Mold spores, transported by air, insects, animals, and water, are similar to seeds, but you can't see them until colonies form. Because mold adapts easily to its environments and has a large number of species, it is hard to control and impossible to eliminate totally. But it will not affect the structural performance of Trex decking.

To form visible colonies, mold needs food, moisture, and temperatures between 40° - 90°F (4°C - 32°C). Trex decking is not itself a food source but spilled dirt and debris from flowerpots and gutters can nourish mold. If the gaps between deck boards are too small or clogged, the decking can also supply moisture. Refer to gapping instructions on page 40.

How to Remove Mold from Trex Early-Generation Composite and PVC Decking

All exterior building materials require cleaning. Trex is no exception. Periodic cleaning of Trex decking will remove dirt and pollen that can feed mold. If mold colonies appear, clean the deck with a commercial deck wash containing a detergent and sodium hypochlorite (bleach). The chemical will remove the mold but also lighten the wood. In some cases, it will take several treatments to remove the mold colonies. Even if the spots are no longer visible, mold spores that could re-grow may still be on the surface.

The following brands of deck cleaners are effective in removing mold:

- » Olympic® Premium Deck Cleaner*
- » Expert Chemical™** Composite Deck Cleaner and Enhancer (expertchemicalinc.com)

Always apply these products to a dry deck. Applying them to a wet deck will significantly reduce the bleach's effectiveness. **NEVER** mix any other cleaners (ammonia, phosphoric acid, etc.) with bleach.

- » For a non-chlorine based alternative, you can use UltraMean®,*** but you must scrub the deck with a soft brush immediately after you apply the cleaner.

Mold spreads easily and may return in some environments despite proper cleaning and preventative measures. Mold does not damage Trex and will cause no structural harm.



How to Remove Mold from Trex Transcend®, Trex Enhance®, and Trex Select® Decking

If you allow debris such as pollen and dirt to remain on the deck surface, mold can feed on the biofilm. Use a hose and warm soapy water with a soft bristle brush to remove the food source and mold.

* Olympic® is a registered trademark of PPG Architectural Finishes, Inc.

** Expert Chemical™ is a trademark of Expert Chemical, Inc.

*** UltraMean® is a registered trademark of Rhino Hide.

PAINTING TECHNICAL BULLETIN

Can Transcend®, Enhance®, or Select® decking be painted?

Trex Transcend, Trex Enhance, and Trex Select decking cannot be painted or stained.

Can Transcend® railing or Select® railing be painted?

Only Trex Transcend white railings can be painted as well as Select railing (which only comes in white). A high quality fast-dry alkyd primer should be used as a base coat, with oil or water-based exterior trim paint. Only light colors should be used. No darker colors such as Black, Brown, Forest Green, as these darker colors may draw excessive heat and damage the material. Surface abrasion may promote better paint adhesion. Use something such as an abrasive pad or steel wool to dull/buff the surfaces to be painted.

- » Clean surfaces with Acetone, Isopropyl alcohol, or denatured alcohol before painting.
- » **NEVER** use ketones (MeK, MiBk) or xylene as surface conditioners.
- » Allow all surfaces to dry completely before painting.

Can Reveal® railing be painted?

Reveal railing should not be painted unless there are issues with scratches that may need to be repaired. If railing is scratched, use Trex Reveal Railing Touch-up Color Matched paint or to address smaller imperfections, use Trex Reveal Touch-up Color Matched Pens.

Can early-generation Trex composite decking and railing be painted? (Trex Accents® and Origins®, Trex Designer® and Traditional Railing)

Yes, you can paint or stain early-generation decking or railing to achieve a custom color, but it is not necessary for protection. Paints and stains that adhere well to wood will work as well or better with early generation products. Early-generation decking and railing that has been faded (approximately 12 – 16 weeks for new product) can be painted or stained at any time, even years after it has been installed. Use a paint or stain that is designed for a walking surface. Contact the manufacturing to make sure these meet ADA requirements for walking surfaces before applying.

What types of paints and stains can I use?

Most paints or stains that you would apply to wood can be applied to early-generation products (this does not include Trex Escapes® decking). The following companies have evaluated early-generation products and suggested these coatings:

MANUFACTURER SUGGESTED STAINS		
Paint Manufacturer	Tech Support Phone Number	Suggested Coating
Behr	800-854-0133	Behr Premium® Solid Color
Sherwin Williams	800-474-3794	S-W Deckscapes ext. acrylic Deck Stain A15-150 Series S-W Woodscapes ext. acrylic Deck Stain A15 Series

What about cleaning my painted or stained early-generation products?

Consult your paint or stain manufacturer's directions before cleaning.

PHYSICAL AND MECHANICAL PROPERTIES FOR TREX TRANSCEND® AND TREX ENHANCE®

	TEST METHOD	VALUES	
Flame Spread (a)	ASTM E84	60	
Typical Trex® Values for Coefficient of Thermal Expansion/Contraction (36" (91.4 cm) long samples)			
Thermal	Width	35.2 x 10 ⁻⁶ to 42.7 x 10 ⁻⁶ (inch/inch/°F) 644 x 10 ⁻⁶ to 776 x 10 ⁻⁶ (length/length/°C)	
	Length	16.1 x 10 ⁻⁶ to 19.2 x 10 ⁻⁶ (inch/inch/°F) 297 x 10 ⁻⁶ to 356 x 10 ⁻⁶ (length/length/°C)	
Moisture	Typical Trex Values for Long-Term Water Immersion	Typical Trex Values for Constant High Humidity	
	(36"/91.4 cm long samples) Width ~3%	(6"/15.2 cm long samples) ~1%	
Nail Withdrawal	ASTM D1761	163 lbs/in (1.12 Mpa)	
Screw Withdrawal	ASTM D1761	558 lbs/in (3.85 Mpa)	
Fungus Resistance (White & Brown Rot)	ASTM D1413	Rating = No Decay	
Termite Resistance (c)	AWPAE1-72	Rating = 9.6	
		ULTIMATE (TYPICAL) VALUES	DESIGN VALUES
Compression Parallel (d)(e)	ASTM D198	836 psi (5.76 Mpa)	540 psi (3.72 Mpa)
Compression Perpendicular (d)(f)	ASTM D143	861 psi (5.94 Mpa)	540 psi (3.72 Mpa)
Tensile Strength (d)	ASTM D198	1562 psi (10.77 Mpa)	500 psi (3.45 Mpa)
Shear Strength (d)	ASTM D143	559 psi (3.85 Mpa)	360 psi (2.48 Mpa)
Modulus of Elasticity (d)	ASTM D4761	412,000 psi (2840.64 Mpa)	200,000 psi (1378.95 Mpa)
Thermal Conductivity	ASTM C177	1.57 BTU-in/hr-ft @85°F (.0023 W/cm/°C)	

NOTES:

- (a) Corresponding Smoke Developed Index is 300.
 (b) Values shown are for reference only. These values should not be used to calculate gapping for Trex. Follow Trex installation literature for proper width-to-width and end-to-end gapping information.
 (c) Material weight loss was 0%.
 (d) Ultimate strength values are not meant for design analysis. Testing performed on a 1" x 5.5" (2.5 cm x 14 cm) cross section. Design values are for temperatures up to 130°F (54°C).
 (e) Compressive strength parallel to the length.
 (f) Compressive strength perpendicular to length.

PHYSICAL AND MECHANICAL PROPERTIES FOR TREX SELECT® DECKING

	TEST METHOD	VALUES	
Flame Spread	ASTM E84	85	
Typical Trex® Values for Coefficient of Thermal Expansion/Contraction (36" (91.4 cm) long samples)			
Thermal	Width	42.7 x 10 ⁻⁶ (inch/inch/°F) 776 x 10 ⁻⁶ (length/length/°C)	
	Length	19.2 x 10 ⁻⁶ (inch/inch/°F) 356 x 10 ⁻⁶ (length/length/°C)	
Water Absorption	ASTM D1037	1.20%	
Screw Withdrawal	ASTM D1761	388 lbs/in (2.45 Mpa)	
Termite Resistance (a)	AWPAE1-72	Rating = 9.7	
		ULTIMATE (TYPICAL) VALUES	DESIGN VALUES
Modulus of Rupture	ASTM D4761	3750 psi (25.86 Mpa)	500 psi (3.45 Mpa)
Modulus of Elasticity (b)	ASTM D4761	400,000 psi (2757.90 Mpa)	200,000 psi (1378.95 Mpa)

NOTES:

(a) Eastern Subterranean

(b) Ultimate strength values are not meant for design analysis. Design values are for temperatures up to 130°F (54°C).

PHYSICAL AND MECHANICAL PROPERTIES FOR TREX EARLY-GENERATION COMPOSITES

	TEST METHOD	VALUES	
Abrasion Resistance	ASTM D2394	.01 wear/1000 revs.	
Hardness	ASTM D143	562 kg (5 kn)	
Self-Ignition Temperature	ASTM D1929	743°F (395°C)	
Flash-Ignition Temperature	ASTM D1929	698°F (370°C)	
Flame Spread (a) [Fire Defense] TM	ASTM E84	80 [40]	
Water Absorption (sanded surface) 24 hr. immersion	ASTM D1037	4.3%	
Water Absorption (unsanded surface) 24 hr. immersion	ASTM D1037	1.7%	
Typical Trex [®] Values for Coefficient of Thermal Expansion/Contraction (36" (91.4 cm) long samples)			
Thermal	Width	35.2 x 10 ⁻⁶ to 42.7 x 10 ⁻⁶ (inch/inch/°F) 644 x 10 ⁻⁶ to 776 x 10 ⁻⁶ (length/length/°C)	
	Length	16.1 x 10 ⁻⁶ to 19.2 x 10 ⁻⁶ (inch/inch/°F) 297 x 10 ⁻⁶ to 356 x 10 ⁻⁶ (length/length/°C)	
Moisture	Typical Trex Values for Long-Term Water Immersion (36"/91.4 cm long samples)	Typical Trex Values for Constant High Humidity (6"/15.2 cm long samples)	
	Width ~3%	~1%	
Nail Withdrawal	ASTM D1761	163 lbs/in (1.12 Mpa)	
Screw Withdrawal	ASTM D1761	558 lbs/in (3.85 Mpa)	
Static Coefficient of Friction - Dry (c)/Wet (c)	ASTM F1679	0.62/0.70	
Fungus Resistance (White & Brown Rot)	ASTM D1413	Rating = No Decay	
Termite Resistance (d)	AWPAE1-72	Rating = 9.6	
Specific Gravity (typical)	ASTM D2395	>0.96	
		ULTIMATE (TYPICAL) VALUES	DESIGN VALUES
Compression Parallel (e)(f)	ASTM D198	1806 psi (12.45 Mpa)	550 psi (3.79 Mpa)
Compression Perpendicular (e)(g)	ASTM D143	1944 psi (13.40 Mpa)	625 psi (4.31 Mpa)
Tensile Strength (e)	ASTM D198	854 psi (5.89 Mpa)	250 psi (1.72 Mpa)
Shear Strength (e)	ASTM D143	561 psi (3.87 Mpa)	200 psi (1.38 Mpa)
Modulus of Rupture (e)	ASTM D4761	1423 psi (9.81 Mpa)	250 psi (1.72 Mpa)
Modulus of Elasticity (e)	ASTM D4761	175,000 psi (1206 Mpa)	100,000 psi (689.48 Mpa)
Thermal Conductivity	ASTM C177	1.57 BTU-in/hr-ft @85°F (.0023 W/cm/°C)	
Leachate (h)	TCLP-EPA 1311	Pass	

NOTES:

- (a) Corresponding Smoke Developed Index is 285.
 (b) Values shown are for reference only. These values should not be used to calculate gapping for Trex. Follow Trex installation literature for proper width-to-width and end-to-end gapping information.
 (c) ASTM F1679 test conducted on sanded/unsanded weathered samples with neolite surface.
 (d) Material weight loss was 0%.
 (e) Ultimate strength values are not meant for design analysis. Testing performed on a 1" x 5.5" (2.5 cm x 14 cm) cross section. Design values are for temperatures up to 130°F (54°C).
 (f) Compressive strength parallel to the length.
 (g) Compressive strength perpendicular to length.
 (h) Leaching was below levels established by EPA for all constituent categories.

GLOSSARY OF TERMS

Standard Composite	Trex Early-Generation Composites
PVC	Trex Escapes®
High Performance Composite	Trex Transcend®, Trex Enhance®, Trex Select®
.....	
Baluster	One of a number of closely spaced supports for a railing.
Baluster Spacer	A piece that snaps into top and bottom rail that gives precise spacing to the balusters.
Bird's Mouth Gasket	A 45° corner cut gasket to be used when attaching railing to the corner of a 4" x 4" (10.2 cm x 10.2 cm) post sleeve.
Bump Stop Tab	Part of the connector clip and allows for 1/4" (0.6 cm) spacing between decking boards.
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.
Fascia	Horizontal trim board used to cover rim and end joists. May also be used for stair risers.
Foot Block	Provides support for the bottom rail and gives a finished appearance.
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.
Pergola	A horizontal trellis or framework, supported on round or square posts, that can carry climbing plants and provides limited cover from sunshine. It may form a covered walk.
Post Sleeve	Formed sleeve that fits over a standard pressure-treated 4x4 post.
Post Sleeve Cap	Attractive flat or pyramid shaped cap to place on top of post sleeve.
Post Sleeve Skirt	Decorative skirt that surrounds the bottom of the post and rests on surface of deck.
Rail Gasket	A gasket used to fill the gap between the railing and post.
Rail Light	Light that attaches to side of post sleeve.
Rail Support Bracket (RSB)	Innovative bracket designed for horizontal, angled, and stair railing installations.
Recessed Light	Light that is recessed so it sets flush with decking surface.
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.
Riser Light	Light that attaches to stair riser.
Scarf Cut	A joint used to join two pieces of decking end-to-end, usually cut at a 45° angle.
Screw Plug	A small plug to cover a screw.
Self-tapping Screw	A fastener that taps and drills its own hole and does not require a pre-drilled hole.
Shim	A wedge that is placed between two surfaces to fill in the gap.



GLOSSARY OF TERMS/CONTINUED

Stair Tread	Steps or stairway boards that are the steps.
Start Clip	Metal clips used at the end of decking boards to secure them in position.
Stringer	The structural member in a stairway that supports the treads and risers.
Tempered Glass	A safety glass that is four to five times stronger than standard glass made by a process of extreme heating and cooling.
Toenailing	Attaching two pieces of decking together by driving a nail at an angle through one piece into the other.
Universal Fastener	Plastic 1/4" (0.6 cm) self-gapping hidden fastener that has increased durability and allows for easier and faster installation than traditional fasteners.
Wall Return Fitting	A fitting that can attach directly to wall or post.
Weather Stripping	A self-adhesive strip applied to the glass panel option to create a tight fit with top and bottom rails.

PLANNING AHEAD



PLANNING AHEAD

Trex® Decking:

- » When installing Trex Transcend® tropical colors of Spiced Rum, Lava Rock, and Tiki Torch, it is a good idea to mix and match all of the boards on the job site prior to installation to ensure an appealing mix of light and dark tones.

Railing (Including ADA Handrail):

- » First, pick the railing style you want.
- » Calculate your spanning based on the railing you chose.
- » Determine the number of balusters you will need based on the railing you choose. See pages 59, 79, and 104.

NOTE: Trex railings are made to be installed at maximum of 6' (1.82 m) or 8' (2.44 m) on center (depending upon type of railing you choose). Trex railings are not true 6' (72") or 8' (96") in length.

- » Determine post locations prior to installing any decking. In most cases, posts are usually installed before decking is installed.
- » Confirm with your local building official if ADA Handrail is required, and if so plan spanning for posts accordingly to allow for attachment of Trex ADA Handrail. ADA Handrail requires a span of 6' OC for posts.
- » Grill placement: A good recommendation to help prevent damage to your railing is to not have a grill too close to your railing. Allow for ample airspace between the back/sides of your grill to help prevent charring or staining to the railing.

See pages 59-78 for Transcend railing installation, pages 104-113 for Select® railing installation, pages 79-103 for Reveal® railing installation, pages 114-125 for Traditional railing installation, and pages 125-128 for ADA Handrail installation.

Trex Lighting:

- » Plan locations of lights, power supply, timer, and dimmer. These should be accessible for service if necessary.
- » Install wiring before decking and railing have been installed.
- » **DO NOT** run wires between joists and deck boards.

See pages 24-31 for Trex® DeckLighting™ and Trex Landscaping installation.

Trex® RainEscape® Deck Drainage System:

- » Plan ahead for deck layout to allow for proper placement of Trex RainEscape within the joist system.
- » Make sure joists are straight and square.

See www.trex.com for more information on Trex RainEscape recommendations and installation. Trex

RainEscape is manufactured and distributed by Dri-Deck Enterprises, LLC, under a trademark license with Trex Company, Inc.

Installing Hot Tubs, Planters, and Seating:

- » Plan ahead proper joist spanning if required (this is especially important if installing a hot tub).
- » Refer to page 39 for Trex Decking Span Chart for specific loads.

Call 1-800-BUY-TREX for detailed questions.

Installing Fireplaces and/or Fire Pits With Trex Decking:



- » Determine if fire will be gas or wood burning (**NOTE: Most fire pits shown in Trex ads are gas burning**).
- » For gas, the fire pit is installed by cutting around the Trex decking. **It is not to be installed on top of Trex decking.** A fire resistant material is installed under the fire pit and a protective "wall" made from stone or other fire resistant material is installed to hold fire pit in place and also protect the decking from heat.
- » For wood, fire pits are not recommended on top of Trex decking unless using a product called DeckProtect®. Wood burning fire pits can damage the decking due to extreme heat from the bottom of the fire pit and/or burning embers "shooting" onto the decking. DeckProtect® was tested on all Trex decking and there were no issues with burning of the decking surface when placed directly under a standard size portable fire pit along with the accompanying rack (**NOTE: Rack is not available for all sizes, so check with manufacturer first for verification**). Trex does recommend that the DeckProtect® padding/rack be moved from time to time for general cleaning underneath. It should be noted that even when using DeckProtect®, burning embers could "shoot" beyond the protective mat and burn the deck.

For more information about this product, please visit their website at www.deckprotect.net or call 1-800-BUY-TREX. DeckProtect® is a registered trademark of Infinite Heat Solutions.



PLANNING AHEAD/CONTINUED

Installing a Pergola on Trex Decking:

- » Keep in mind if you are planning to install a Trex® Pergola™ on your deck, you will need access to the underside of the deck. Trex Pergola mounts with a 10" x 10" (25.4 cm x 25.4 cm) aluminum plate on the underside of the deck, creating a clamping effect on both the top and bottom of the deck for maximum strength. If installed, water barriers and any underdeck coverings will have to be removed to properly install the pergola posts.
- » You need to consider the location of your pergola posts in respect to joists. However, you do not have to mount your plates between joists. It is possible to place blocks on the bottom of the joists and mount the Trex Pergola brackets through the blocks.

Installing a Trex Spiral Staircase:

- » Refer to www.trexspiralstairs.com for detailed information on how to plan and install Trex® Spiral Stairs™.

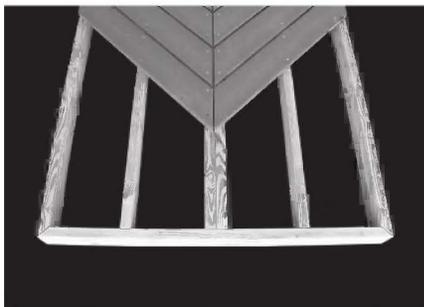
NOTE: You can always reference the Design Tools Section on www.trex.com for additional planning ahead aids.

Trex Pergola products are manufactured and sold by Home & Leisure, Inc., d/b/a Backyard America under a trademark license with Trex Company, Inc.



Special Patterns

When planning a unique pattern, you will need to adjust the framing to support the surface pattern. Refer to the span and gapping charts on pages 39-40. Many decks are designed to take advantage of angles, as shown below.



Herringbone Pattern



Tile Pattern



Picture Frame Pattern

WARRANTIES



TREX TRANSCEND®, TREX ENHANCE®, TREX SELECT® AND TREX® FASCIA LIMITED FADE AND STAIN WARRANTY

For the term set forth below, Trex Company, Inc. (hereinafter “Trex”) warrants to the original end-user purchaser (the “Purchaser”) that Trex Transcend® decking, porch or fascia, Trex Enhance® decking or fascia, Trex Select® decking or fascia or Trex Fascia, as the case may be (the “Product”) will perform, under normal use and service conditions, as follows:

Term of Warranty: The term of this warranty shall begin on the date of original purchase, and shall end (1) twenty-five (25) years thereafter for a residential application of the Product, and (2) ten (10) years thereafter for a commercial application of the Product.

Residential/Commercial Application: 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.

Fade Resistance: The Product shall not fade in color from light and weathering exposure as measured by color change of more than 5 Delta E (CIE) units.

The Product is designed to resist fading. No material is fade proof when exposed to years of UV exposure and the elements. The Product is designed to resist fading, and will not in any event fade by more than 5 Delta E (CIE) units.

Stain Resistance: The Product shall be resistant to permanent staining resulting from spills of food and beverage items including ketchup, mustard, salad oils, tea, wine, coffee, fruit punch, barbeque sauce, grease, sodas and other food and beverage related items that would typically be present on a residential deck, or mold and mildew naturally occurring in the environment, provided that such substances are removed from the Product with soap and water or mild household cleaners within one (1) week of exposure of the food or beverage to the surface or first appearance of the mold and mildew.

Notwithstanding the foregoing, Trex does not warrant that the Product is stain-proof, and does not warrant stain resistance resulting from spilled or otherwise applied food and beverage substances which are not properly cleaned as provided above within one (1) week of exposure. In addition, materials not covered in the stain resistant warranty include abrasive compounds of acidic or basic pH, paints or stains, strong solvents, metallic rust or other abnormal deck use items, and non-food and non-beverage substances, including but not limited to, biocides, fungicides, plant food, or bactericides. Mold and mildew can settle and grow on any outdoor surface, including this Product. You should periodically clean your deck to remove dirt and pollen that can feed mold and mildew. This warranty does not cover mold and mildew which is not properly cleaned as provided above within one (1) week of first appearance.

Standard Trex Company Limited Warranty: This warranty is in addition to the standard Trex Company Limited Warranty that applies to all Trex products.

Transferability: With respect to a residential application, this warranty may be transferred one (1) time, within the five (5) year period beginning from the date of original purchase by the Purchaser, to a subsequent buyer of 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.

EXCLUSIONS FROM WARRANTY COVERAGE:

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.

Surface Damage: Never use metal shovels or sharp-edged tools to remove snow and ice on the surface of the Product. If the surface of the Product is damaged or punctured, this warranty will be voided.

Paint or Other Materials Applied to the Product: If paint or other coating materials are applied to the Product, this warranty will be voided.



Railing: This warranty does not cover Trex Transcend® or Trex Select® railing components.

Other Exclusions: This warranty shall not cover any condition attributable to: (1) improper installation of the Product and/or failure to abide by Trex's installation guidelines, including but not limited to improper gapping; (2) use of the Product beyond normal use or 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 the Product is installed; (4) any act of God (such as flooding, hurricane, earthquake, lightning, etc.); (5) improper handling, storage, abuse or neglect of the Product by Purchaser, the transferee or third parties; (6) any fading or staining not on the walking surface of the Product (i.e., the underside or the ends of the Product); or (7) ordinary wear and tear

Procedure for Making a Claim under this Warranty

In order to make a claim under this warranty, Purchaser must do the following:

1. If the Purchaser is making a claim relating to the warranty on stain resistance, Purchaser must do as follows:
 - (a) Purchaser must try to clean the affected area of the deck by using the cleaning procedures described above within one (1) week of exposure of the food or beverage to the Product or first appearance of the mold and mildew.
 - (b) If the affected area remains reasonably unsatisfactory after Purchaser has tried these cleaning procedures, then Purchaser must have the affected area of the deck professionally cleaned at Purchaser's expense.
 - (c) If the affected area remains reasonably unsatisfactory after the professional cleaning, Purchaser may make a claim under this warranty, provided that such claim is made within thirty (30) days after the professional cleaning.
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 and photographs of the affected area of the Product, proof of purchase, and if the claim relates to the warranty on stain resistance, proof of compliance with paragraph 1. above, to the following address:

Trex Company, Inc.
Customer Relations
160 Exeter Drive
Winchester, VA 22603-8605
3. Upon confirmation by an authorized Trex representative of a valid claim hereunder, Trex's sole responsibility shall be, at its option, to either replace the affected item or refund the portion of the purchase price paid by Purchaser for such affected item (not including the cost of its initial installation). 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 hereunder is made during years eleven (11) through twenty-five (25) after the original purchase for a residential application, recovery will be prorated. If Trex is providing replacement materials, it may elect to replace the percentage listed on page 132 of boards otherwise meeting the requirements for a claim, or if it is refunding the purchase price, it may elect to refund the percentage listed on page 132 of the purchase price of boards otherwise meeting the requirements for a claim.



YEAR OF WARRANTY CLAIM	PERCENTAGE RECOVERY
11	80%
12	80%
13	80%
14	60%
15	60%
16	60%
17	40%
18	40%

YEAR OF WARRANTY CLAIM	PERCENTAGE RECOVERY
19	40%
20	20%
21	20%
22	20%
23	10%
24	10%
25	10%

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

UNDER NO CIRCUMSTANCES WILL TREX BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER SUCH DAMAGES ARE SOUGHT IN CONTRACT, IN TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE AND STRICT LIABILITY) OR OTHERWISE, AND TREX'S LIABILITY WITH RESPECT TO PRODUCTS SHALL IN NO EVENT EXCEED THE REPLACEMENT OF SUCH PRODUCTS OR REFUND OF THE PURCHASE PRICE, AS DESCRIBED ABOVE.

Some States or Provinces 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 also have other rights that vary from State to State or Province to Province.

Copyright © 2014 Trex Company, Inc.

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, 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 portion of the purchase price paid by Purchaser for such defective item (not including 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 LandscapeLighting™ 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 Trex transformer is used (with no warranty on any components if a Trex 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 the warranty shall be five (5) years, (c) with respect to Trex 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 TrexTrim™ (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 one (1) time, within the five (5) year period beginning from the date of original purchase by the Purchaser, to a subsequent buyer of 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

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, including but not limited to improper gapping; (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 (such as 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) improper handling, storage, abuse or neglect of Trex products by Purchaser, the transferee or third parties; or (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 TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE AND STRICT LIABILITY) 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.

Some States or Provinces 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 also have other rights that vary from State to State or Province to Province.

Copyright © 2014 Trex Company, Inc.

TREX REVEAL® RAILING LIMITED WARRANTY

Trex Company, Inc. (hereinafter "Trex") warrants to the original purchaser ("Purchaser") that, under normal use and service conditions, Trex Reveal® Railing (the "Product") shall, for a period of twenty-five (25) years from the date of original purchase, be free from material defects in workmanship and materials. 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 Product or refund the portion of the purchase price paid by Purchaser for such defective Product (not including the cost of its initial installation).

With respect to installations where the atmosphere is influenced by a body of salt water (or other contaminant conditions), failure to adhere to the cleaning guidelines available at www.trex.com will void this warranty with respect to any condition resulting from such failure.

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

This warranty may be transferred one (1) time, within the five (5) year period beginning from the date of original purchase by the Purchaser, to a subsequent buyer of the property upon which the Product was 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

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 the Product; (2) use of the Product 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 the Product is installed; (4) damages attributable to fire, violent storms, earthquake or other Acts of God, accidents, vandalism, or other casualties, impact of objects, or exposure to atmospheric pollutants or conditions other than natural weather processes, (5) improper handling, storage, abuse or neglect of the Product by Purchaser, the transferee or third parties; or (6) ordinary wear and tear.

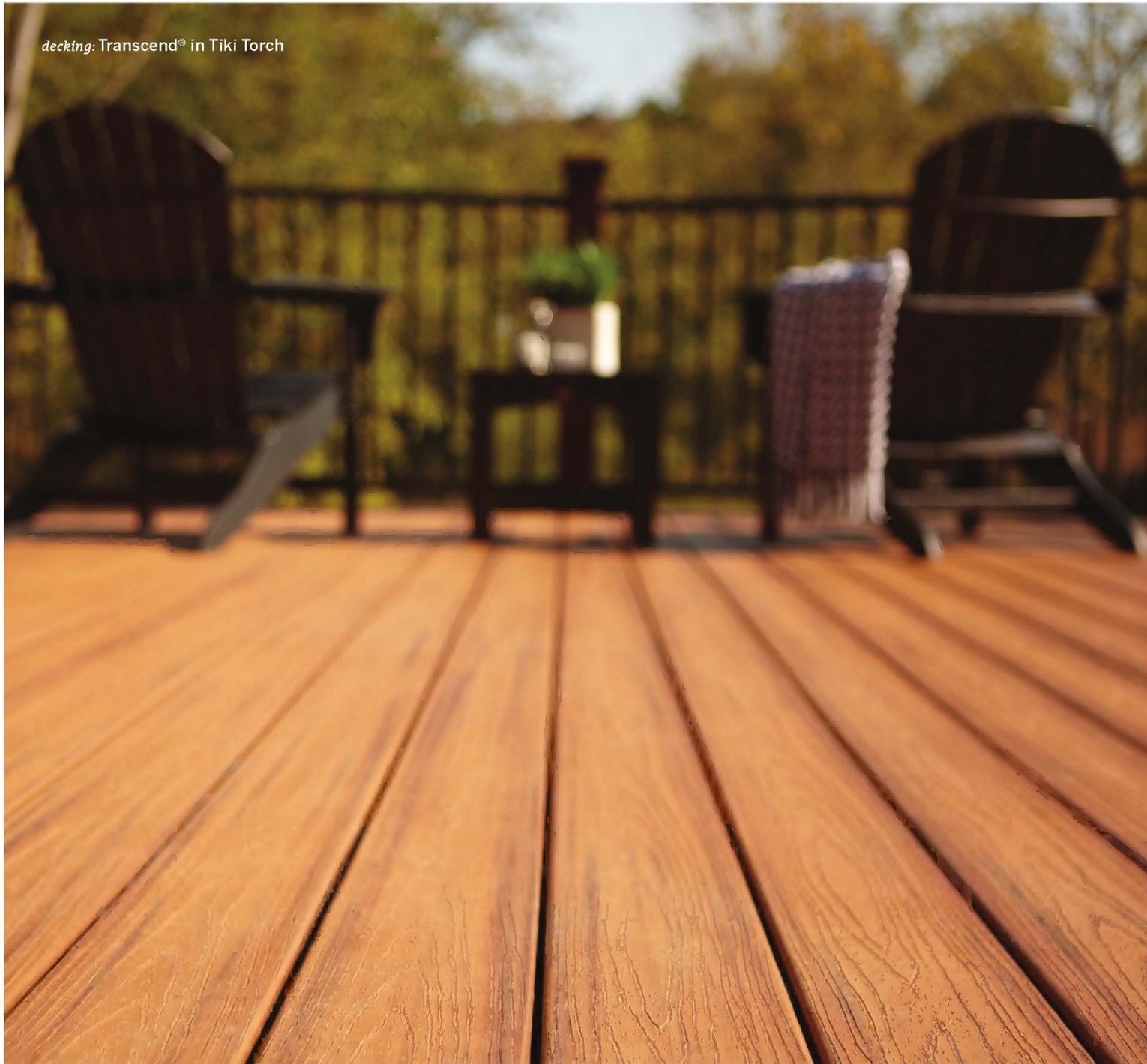
No person or entity is authorized by Trex to make and Trex shall not be bound by any statement or representation as to the quality or performance of Trex products other than as contained in this warranty. This warranty may not be altered or amended except in a written instrument signed by Trex and Purchaser

UNDER NO CIRCUMSTANCES WILL TREX BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER SUCH DAMAGES ARE SOUGHT IN CONTRACT, IN TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE AND STRICT LIABILITY) 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.

Some States or Provinces 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 also have other rights that vary from State to State or Province to Province.

Copyright © 2014 Trex Company, Inc.

decking: Transcend® in Tiki Torch



FRAMING | DECKING | RAILING | PORCH | FASCIA | TRIM | LIGHTING | DRAINAGE | FURNITURE | PERGOLA

FIND US ON



Trex®

OUTDOOR LIVING. ELEVATED.

Visit trex.com or call 1-800-BUY-TREX

© 2014 Trex Company, Inc. All rights reserved. Trex®, the Trex logo, Trex Transcend®, Trex Enhance®, Trex Select®, Trex Hideaway®, TrexTrim™, Trex Reveal®, Trex Elevations®, Trex® RainEscape®, Trex® Outdoor Lighting™, Trex® Pergola™ and TrexPro® are either federally registered trademarks, trademarks or trade dress of Trex Company, Inc., Winchester, Virginia.