

ENGLISH

Trex[®]

2012 INSTALLATION GUIDE
TREX[®] DECKING
AND RAILING

Building your OUTDOOR HOME

DECKING AND RAILING



TREX TRANSCEND® DECKING AND RAILING

Striking beauty and unmatched performance that outdecks all others



TREX ENHANCE™ DECKING AND TRANSCEND RAILING

All the charm and none of the trouble of real wood



TREX ACCENTS® DECKING WITH TRANSCEND AND TREX DESIGNER SERIES RAILING®

Elegant beauty of a soft, subtle wood grain

ALSO AVAILABLE: TREX® ADA HAND RAIL
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 almost 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.



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

TREX® INSTALLATION GUIDE

CONTENTS

SECTION ONE: General Information

- General Tips.....5
- Trex CustomCurve™ (Bending Trex).....5
- Job Site Storage5
- Safety6
- Tools6
- Care and Cleaning.....7
- Mold Technical Bulletin.....9
- Painting Technical Bulletin10
- Physical and Mechanical Properties12
- Glossary of Terms14

SECTION TWO: Planning Ahead

- Railing (Including ADA Handrail)17
- Trex® Lighting17
- Trex® RainEscapes® Drainage System.....17
- Installing Hot Tubs, Planters, and Seating.....17
- Installing Fireplaces and/or Fire Pits17
- Installing a Pergola.....18
- Special Patterns18

SECTION THREE: Lighting

- Lighting Specifications and Profiles21

How to Install Trex® DeckLighting™

- Parts List.....22
- Lighting and Wiring Overview22
- Wiring23
 - Making Connections23
 - Timer Operation Instructions.....24
- Post Cap Lights24
- Deck Rail Lights24
- Riser Lights24
- Recessed Deck Lights.....25

SECTION FOUR: Decking

- Decking Specifications and Profiles27
- Porch Flooring Specifications and Profiles.....28
- Decking Fasteners.....29
- Framing and Fastening Tips30
- Rooftop Decks and Sleeper Systems.....31
- Code Compliance.....32
- Gapping.....33
- Stairs34

How to Install Decking

- Tips for Installing a Trex Hideaway® Hidden Fastener System (Stainless steel or Universal)35
- How to Install Trex Hideaway Stainless Steel Fasteners.....36
 - Parts List/Tools Needed36
- How to Install Trex Hideaway Universal Hidden Fasteners.....37
 - Parts List/Tools Needed37
- How to Install Escapes® Boards with Trex Universal Fasteners38
- How to Replace Trex Boards38
 - (With Stainless Steel or Universal Fasteners)
- How to Install Stair Treads39
 - (with Stainless steel or Universal Hidden Fasteners)

- How to Install Trex® Porch Floorboards40
- How to Install Structural Porch Posts42
- How to Install Post Mounts on Deck Board44
- How to Install Post Mounts on Concrete.....45

SECTION FIVE: Railing

- Trex Transcend® Railing Specifications and Profiles48
- Trex Transcend Railing Systems.....49
- Designer/Traditional Railing Specifications and Profiles..50
- ADA Railing Specifications and Profiles.....51

How to Install Railing

- Trex Transcend® Railing**52
 - Parts List52
 - Trex Transcend Railing Styles53
 - Trex Transcend Railing Installation.....54
 - Standard.....54
 - Classic.....56
 - Colonial.....57
 - Glass Panel.....58
 - Customizing Your Railing.....59
 - How to Install On-an-Angle Railing.....59
 - How to Install Bird's Mouth Railing60
 - How to Install Stair Railing62
 - How to Install Foot Blocks64

- Trex Designer Series Railing®**65
 - Parts List65
 - Designer Railing Styles65
 - How to Install Standard Railing66
 - How to Install Contemporary Railing.....69
 - How to Install Standard Stair Railing71
 - How to Install Contemporary Stair Railing.....73

- Trex® Traditional Railing**75
 - Parts List75
 - Traditional Railing Styles76
 - How to Install Raised Railing
 - Standard Balusters/Option 177
 - How to Install Raised Stair Railing/Option 178
 - How to Install Raised Railing
 - Contemporary Balusters/Option 2.....79
 - How to Install Raised Stair Railing/Option 281
 - How to Install Raised Railing
 - Architectural Balusters/Option 383
 - How to Install Raised Stair Railing/Option 385

- Trex ADA Railing**.....86

SECTION SIX: Warranties

- Trex Transcend And Enhance Fade and Stain Warranty91
- Trex Elevations™ Limited Warranty.....94
- Trex® Limited Warranty.....96

Color Palette..... Inside Back Cover

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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.

» Construction methods are always improving. Please make sure you have the most up-to-date installation instructions by visiting trex.com.

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.

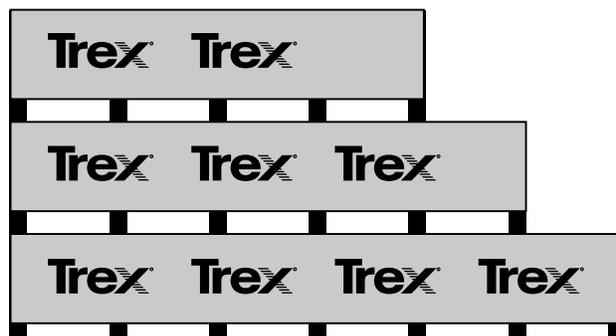


ALWAYS GREEN: Trex decking is made of 95% recycled materials, including plastic shopping bags, reclaimed wood, and sawdust.

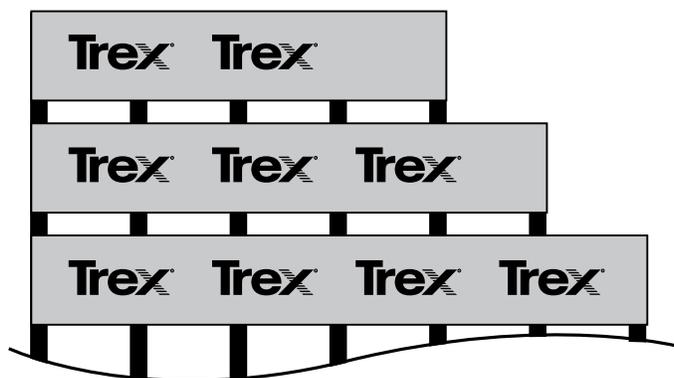
JOB SITE STORAGE

Remember when storing Trex® decking, railing, fencing, 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.

*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.

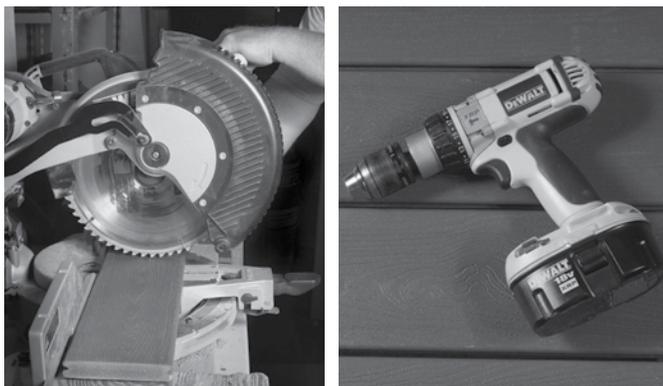
SAFETY

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 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 a 10" - 12" (25.4 cm - 30.5 cm) saw blade with 40 teeth or less. When cutting Trex Transcend® Railing or Trex Escapes®, we recommend using a 60-tooth carbide-tipped blade.

Install Trex recommended fasteners with standard power drills.

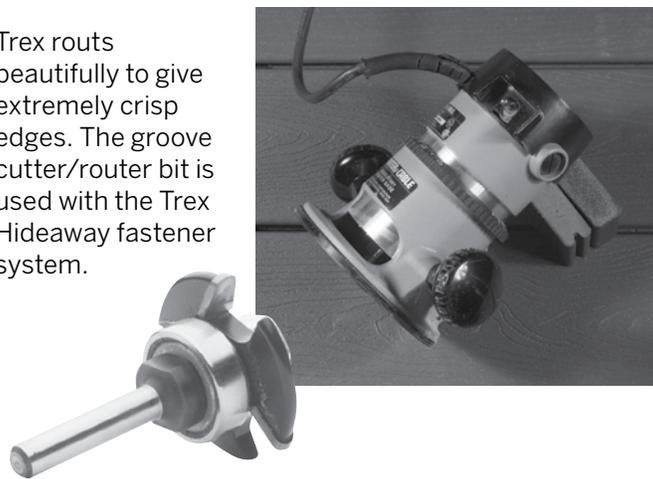


Screw and nail guns provide a quick and easy way to fasten Trex.



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®/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 informations, 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 Irwin.com
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	A 1500 psi power washer may be used on Transcend shell surface to remove dirt and debris. Use a fan tip at least 4" (10.2 cm) away from the shell when you are using a power washer.
Maintaining Transcend® Railing	NEVER use acetone or other solvents on Trex Transcend railing to maintain the beauty of the surface. 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. ****
Concrete, Stucco Dust or Ground-in Construction Dirt	Scrub with a long handled medium soft brush with soap and water. Then pressure wash using guidelines above. If pressure washer has soap attachment, use this. THOROUGHLY RINSE. If not rinsed properly, the water when allowed to dry will have residue and will need to be cleaned a second time.

*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.

***Magic Eraser is a registered trademark of The Procter and Gamble Company.

****Scratch Seal™ Clear Sealer Pen is a registered trademark of Dupli-Color Products Company.

TREX DECKING AND RAILING GENERAL CARE AND CLEANING GUIDE (STANDARD 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 known 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 the buildup of pollen and other debris that can support the growth of mold. Use conventional deck washes or cleaners that contain sodium hypochlorite (bleach) and detergent (refer to <i>Mold Technical Bulletin</i> at www.trex.com/trexmolddbulletin.pdf for specific 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 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.

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 33.

How to Remove Mold from Trex 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® and Trex Enhance™ 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 standard Trex® composite decking and railing be painted?

Yes, you can paint or stain Trex 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 Trex products. Trex decking that has been faded can be painted or stained at any time, even years after it has been installed. However you should use paint or stain that is made for a walking surface.

NOTE: Trex Transcend® decking cannot be painted or stained.*

What types of paints and stains can I use?

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

MANUFACTURER SUGGESTED STAINS		
Paint Manufacturer	Tech Support Phone Number	Suggested Coating
Behr	800-854-0133	Deck Premium Plus®** Exterior Solid Wood Deck Stain (no primer needed)
Sherwin Williams	800-474-3794	S-W Deckscapes®*** Exterior Acrylic Deck Stain A15-150 Series S-W Woodscapes®*** Exterior Acrylic Deck Stain A15 Series

Should I wait until my Trex decking is faded before applying paint or stain?

Yes, it is important to wait for Trex to fade (approximately 12 - 16 weeks) before applying paint or stain. If the Trex decking is painted or stained before it fades, the paint or stain could become discolored and adhesion may be compromised. The discoloration is not permanent and can be cleaned.

Once I've picked out my paint or stain, what do I do?

This easy three-step process will guide you:

- » Wait until the Trex decking fades, approximately 12 - 16 weeks.
- » Clean your Trex decking surface. **NEVER** paint or stain over dirty surfaces or surfaces with mold and mildew. Refer to pages 7 - 8 for cleaning instructions.
- » Apply the paint or stain in accordance with the manufacturer's directions.

How long will the paint or stain on my deck last?

This depends on the paint or stain, but testing has shown that paints or stains on Trex decking will last as long as or longer than paints or stains on wood. Because Trex decking absorbs minimal moisture, the paint or stain will not experience checking or splitting.

What about cleaning my painted or stained Trex decking?

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

How can I restore colorant on my standard composite decking surface?

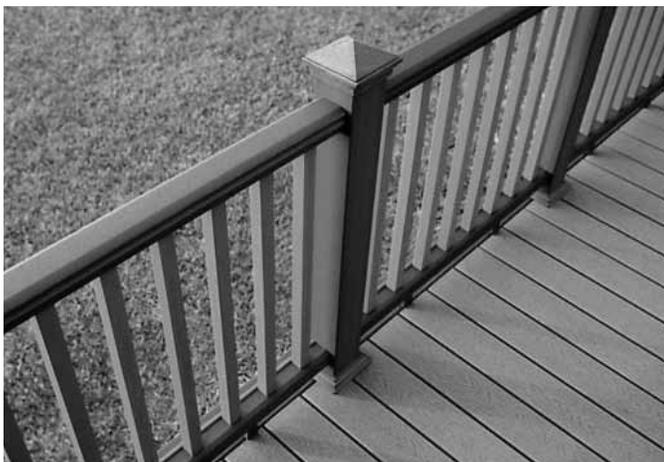
A product called Penofin® Knotwood®**** Composite Decking Colorant works well if you are interested in restoring or enhancing your decking color. This comes in three different shades so you can determine the best color match for your existing decking. For example, right now we would recommend using the color "Redwood" for Brasilia Cayenne or Madeira.

For more information about colors and application, refer to www.penofin.com/products_knotwood.shtml.

You can also use the Penofin Blue Label Oil Wood Finish for Winchester Grey (we recommend using the Nantucket Mist or Clear).

NOTE: This product cannot be applied to Trex Transcend® decking or Trex Escapes®.





How can I restore colorant on my Escapes® decking surface?

Through extensive testing, Trex has found a product to restore the color on PVC decking including Trex Escapes. The product is called DeckMax *****. It is made from a patent pending plant-based solution that cleans and conditions the deck. It is easy to apply by using a microfiber mop. Depending upon the region that the deck is in, it should last on the deck from 1-2 years. It is available from the manufacturer at; www.deckmax.com or 888-219-9411.

Can Transcend railing be painted?

Only **Trex Transcend® White Railings** can be painted. A high quality fast-dry Alkyd primer should be used as a base coat, with an 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 can be used 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.

If there is an ADA requirement for slip resistance, an appropriate type of paint with grit or grit additive can be applied. For standard Trex decking products, a product like Benjamin Moore®*** Anti-Slip 116 (note this is not clear-based) or an equivalent anti-slip alternative will provide an abrasive coating to materials for ramps that must meet ADA requirements. For Transcend decking, a latex or acrylic-based paint will not adhere but oil-based paint with grit will adhere and provide proper friction properties.*

***Premium Plus is a registered trademark of the Behr Process Corporation.*

****Decksapes and Woodscapes are registered trademarks of The Sherwin-Williams Company.*

*****Penofin and Knotwood are registered trademarks of Performance Coatings, Inc.*

******Benjamin Moore is a registered trademark of Benjamin Moore & Company.*

****** DeckMAX is a registered trademark of DeckMAX Products.*

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

	TEST METHOD	VALUES	
Flame Spread (a)	ASTM E84	75	
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 (c)	ASTM D1761	163 lbs/in (1.12 Mpa)	
Screw Withdrawal (c)	ASTM D1761	558 lbs/in (3.85 Mpa)	
Fungus Resistance (White & Brown Rot)	ASTM D1413	Rating = No Decay	
Termite Resistance (d)	AWPAE1-72	Rating = 9.6	
		ULTIMATE (TYPICAL) VALUES	DESIGN VALUES
Compression Parallel (e)(f)	ASTM D198	836 psi (5.76 Mpa)	540 psi (3.72 Mpa)
Compression Perpendicular (e)(g)	ASTM D143	861 psi (5.94 Mpa)	540 psi (3.72 Mpa)
Tensile Strength (e)	ASTM D198	1562 psi (10.77 Mpa)	500 psi (3.45 Mpa)
Shear Strength (e)	ASTM D143	559 psi (3.85 Mpa)	360 psi (2.48 Mpa)
Modulus of Elasticity (e)	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 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) 8d common wire nail. No. 10 wood screw.
 (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.

PHYSICAL AND MECHANICAL PROPERTIES FOR TREX ACCENTS®

	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]™	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 (c)	ASTM D1761	163 lbs/in (1.12 Mpa)	
Screw Withdrawal (c)	ASTM D1761	558 lbs/in (3.85 Mpa)	
Static Coefficient of Friction - Dry (d)	ASTM D2047	0.53/0.55	
Static Coefficient of Friction - Dry (d)	ASTM F1679	0.59/0.70	
Static Coefficient of Friction - Wet (d)	ASTM F1679	0.70/0.75	
Fungus Resistance (White & Brown Rot)	ASTM D1413	Rating = No Decay	
Termite Resistance (e)	AWPAE1-72	Rating = 9.6	
Specific Gravity (typical)	ASTM D2395	0.91 to 0.95	
		ULTIMATE (TYPICAL) VALUES	DESIGN VALUES
Compression Parallel (f)(g)	ASTM D198	1806 psi (12.45 Mpa)	550 psi (3.79 Mpa)
Compression Perpendicular (f)(h)	ASTM D143	1944 psi (13.40 Mpa)	625 psi (4.31 Mpa)
Tensile Strength (f)	ASTM D198	854 psi (5.89 Mpa)	250 psi (1.72 Mpa)
Shear Strength (f)	ASTM D143	561 psi (3.87 Mpa)	200 psi (1.38 Mpa)
Modulus of Rupture (f)	ASTM D4761	1423 psi (9.81 Mpa)	250 psi (1.72 Mpa)
Modulus of Elasticity (f)	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 (i)	TCLP-EPA 1311	Pass	

NOTES:

- Corresponding Smoke Developed Index is 285.
- 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.
- 8d common wire nail. No. 10 wood screw.
- ASTM D2047 test conducted on sanded/unsanded unweathered samples with leather surface.
ASTM F1679 test conducted on sanded/unsanded weathered samples with neolite surface.
- Material weight loss was 0%.
- 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).
- Compressive strength parallel to the length.
- Compressive strength perpendicular to length.
- Leaching was below levels established by EPA for all constituent categories.

GLOSSARY OF TERMS

Standard Composite	Trex Accents®, Origins, Contours, Brasilia, Escapes
High Performance Composite	Trex Transcend®, Trex Enhance™
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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.
Railpost™	A solid 4" x 4" (10.2 cm x 10.2 cm) Trex post used in conjunction with Trex Designer Series Railing® or Trex® Traditional Railing.
Railpost Cap	Attractive flat or pyramid shaped cap to place on the top of the railpost.
Railpost Skirt	Decorative skirt that surrounds the bottom of the railpost and rests on the surface of the deck.
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.
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.

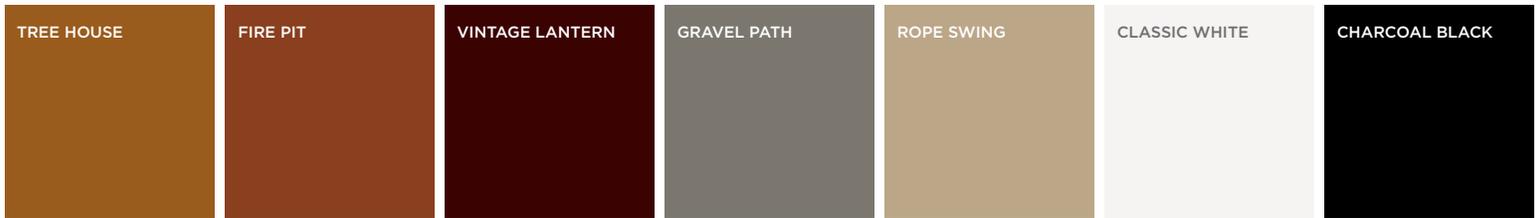
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