

**IAR Library: 06.73.13 Tr 2011**  
**Trex Decking**  
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**2011**

<b>PRODUCT INFORMATION</b>	<b>TYPE OF PRODUCT</b>	Wood-alternative decking, railing, fencing products
	<b>COMPANY NAME</b>	Trex Company Inc.
	<b>PRODUCT/COLLECTION NAME</b>	Trex
	<b>DESCRIPTION</b>	Is made up of recycled reclaimed wood and plastic products. The two combined give you the best of both materials. The wood helps protect the plastic from UV exposure and adds a slip-resistant surface. The plastic shields the wood from moisture and insect damage, so there's no rotting, cracking, warping or splintering.
<b>MATERIAL FEEDSTOCK</b>	<b>MATERIAL CONTENT</b>	Wood and plastic composite formula brings together the best qualities of wood and plastic to create a superior alternative to wood: Plastic shields the wood from moisture and insect damage, preventing rotting and splintering. Wood protects the plastic from UV damage while providing a natural, attractive look and feel.
	<b>RECYCLED CONTENT %</b>	Made of 50% recycled and reclaimed plastic and 50% reclaimed wood Recycles post-consumer, post-industrial, and post-commercial plastics  Recovered plastic grocery bags, plastic film, and waste wood fibers, 300 million pounds of used polyethylene and an equal amount of hardwood sawdust each year. No trees are cut down for the purpose of making trex. The wood comes from reclaimed wood from woodworking operations, used pallets, and saw dust. All forms of polyethylene are recycled 7 out of 10 recycled grocery bags are used at trex Trex keeps some 300,000 tons of plastic and wood scrap out of landfills every year. That comes to about 600,000,000 pounds saved annually.
	<b>RAPIDLY RENEWABLE CONTENT %</b>	1.3 billion grocery retail bags annually
	<b>HARMFUL ADDITIVES</b>	No harmful chemicals
	<b>HARMFUL EMISSIONS</b>	The material is made from recycled plastic and contains PVC
	<b>EMISSION STRENGTH OVER TIME</b>	Not Stated
	<b>TREATMENTS</b>	Polyethylene
	<b>MANUFACTURING</b>	<b>MANUFACTURING PROCESS</b>
<b>HARMFUL EMISSIONS</b>		None
<b>LOCATION OF MANUF. PLANT</b>		Winchester, Virginia
<b>TESTS/CODES</b>		Not Stated
<b>3<sup>RD</sup> PARTY CERTIFICATION</b>		National Evaluation Service and the International Conference of Building Officials, U.S Green Building Council,
<b>INSTALLATION</b>	<b>INSTALLATION PROCEDURE</b>	Tools needed, Miter box saw with 10-12" saw with 30 teeth or less, screw guns are typically helpful, this product also does well when the edges are routed. Depending on where and how you choice to uses this product you will want to choose exterior grade deck screws, composite-decking screws, trim-head screws, hidden fasteners, and/or nails.  Before setting your decking you'll need to create supports every 2' on center. Place cut board onto the support and screw into the support when using an exterior grade screw shavings will come to surface, use your

		thumb to press shavings back into the hole and use a smooth-faced hammer to flatten the area it will conform to the rest of the deck board. Leave a gap of 1/8" to 3/16" between each board.
	<b>INSTALLATION ADHESIVES</b>	None
	<b>UNIT COST</b>	Not Stated
	<b>LIFE CYCLE ANALYSIS</b>	10 years, 25 yr. limited warranty
	<b>END OF SERVICE LIFE</b>	Not Stated
<b>MISC. PROPERTIES</b>	<b>QUALITIES/PROPERTIES OF PRODUCT</b>	It will not rot or deteriorate due to harsh weather or insects. Trex is splinter-free and has excellent traction, even when wet. It contains no toxic chemicals or preservatives. Trex resists damage from moisture and sunlight, making it the natural choice for pools, hot tubs and spas. Trex is available in a wide range of colors and finishes to suit any style.
	<b>MISC. COMMENTS</b>	Trex is a member of the: Association of Post Consumer Plastics, SWANA Progressive Bag Affiliates, The Society of Plastics Industry Trex packaging is made from recycled paper and plastic
	<b>CONTRIBUTION TO LEED POINTS</b>	M&R Credit 4.1, Credit 4.2, Credit 5.1, Credit 5.2, and Credit 1.
<b>COMPANY PROFILE</b>	<b>GREEN PHILOSOPHY</b>	We regularly seek out third-party audits to make sure we're continuously improving our green practices while meeting all environmental, health and safety guidelines and regulations. The same process we use to make our products is also environmentally responsible. Trex® is made from about 50 percent recycled and reclaimed plastic, and 50 percent reclaimed wood. These materials would otherwise go unused in landfills. Using sustainable materials and green manufacturing processes is a policy that touches everything we do.
	<b>CONTACT</b>	Pegram West 405 E. Meadowview Rd. Greensboro NC 27406 Phone: 336.273.6958  www.trex.com
<b>MAINTENANCE</b>	<b>AFTER INSTALLATION</b>	Does not require any painting or staining for protection, just simple periodic cleaning. Soap, hot water and a soft bristle brush at the time of installation and semi-annually (typically spring and fall).