

# Trex Company, Inc.

# Deck the halls with double-digit growth; Raise estimates and PO

Reiterate Rating: BUY | PO: 90.00 USD | Price: 80.92 USD

## CEO meetings highlight early stage growth opportunities

We hosted TREX CEO Bryan Fairbanks for investor meetings in Chicago on Tuesday, 12/19. We came away from the meetings incrementally bullish. Our key takeaways: 1) we think Trex's moat (its brand and manufacturing capability/use of recycled materials) is wider today than any time in its history, 2) TREX is well positioned to drive conversion to composite decking through its consistent innovation and marketing, 3) Railing is a meaningful opportunity and ripe for consolidation within Trex's existing distribution, 4) Utilization is below peak levels and and Trex already has the capacity to support growth through 2025, and 5) TREX has a clear vision for capital use: prioritize organic growth investments and stock buybacks. See inside for details on each takeaway.

# Raise 2024E EPS/revenue forecasts; Reiterate Buy

We raise our 2024E EPS estimate by 6% to \$2.33 (7% above consensus) to reflect a stronger revenue growth outlook. We anticipate YoY revenue growth above Trex's long-term 11-13% target in 2024 given: 1) continued outperformance of composite decking relative to other building product categories due to the conversion from wood, 2) \$60-80mm of revenue that will fall in 1H24 instead of 4Q23 due to an early buy timing shift, 3) distributors are entering 2024 more confident than last year following strong sell-out performance in 2023 despite a choppy macro environment, 4) Trex has a robust product launch schedule (strongest since 2019 in our view) including color and geographic expansion for Signature, 5) adjacent categories are gaining traction (including recently launched fasteners and entry level railing), and 6) we believe Trex (and Azek) are gaining share from smaller tertiary brands.

# Expect strong incremental margins in 2024 as well

We expect incremental EBITDA margins in the high-30% range in 2024 driven by improving utilization (roughly 150bps of gross margin expansion for every \$100mm of sales). We also expect a return to modest SG&A leverage in 2024 (20-30bps) following a significant step-up in marketing expense in 2023 (which will stay elevated).

# Valuation could re-rate on lower rates, higher growth

We raise our PO to \$90 (from \$68) now based on a target multiple of 25X EV/2024E EBITDA (from 20X). We believe a higher target multiple is justified given the lower interest rate environment and outlook for above-trend growth in 2024.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	2.14	1.80	1.87	2.33	2.62
GAAP EPS	1.80	1.80	1.87	2.33	2.62
EPS Change (YoY)	37.7%	-16.0%	4.2%	24.4%	12.4%
Consensus EPS (Bloomberg)			1.85	2.18	2.54
DPS	0	0	0	0	0
Valuation (Dec)					
P/E	37.9x	45.1x	43.2x	34.8x	30.9x
GAAP P/E	44.9x	45.1x	43.2x	34.8x	30.9x
EV / EBITDA*	24.7x	28.6x	27.6x	23.3x	21.0x
Free Cash Flow Yield*	1.1%	0.5%	2.6%	1.4%	2.0%
* For full definitions of <i>IQ</i> method <sup>SM</sup> measures, see page 6.					

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Refer to important disclosures on page 7 to 9. Analyst Certification on page 5. Price Objective Basis/Risk on page 5.

## 20 December 2023

## Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	68.00	90.00
2023E EPS	1.85	1.87
2024E EPS	2.19	2.33
2025E EPS	2.45	2.62

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## **Stock Data**

ESGMeter™	Medium
Net Dbt to Eqty (Dec-2022A)	40.5%
ROE (2023E)	33.4%
Bloomberg / Reuters	TREX US / TREX.N
BofA Ticker / Exchange	TREX / NYS
Average Daily Value (mn)	61.32 USD
Free Float	99.4%
(mn)	
Mrkt Val (mn) / Shares Out	8,796 USD / 108.7
52-Week Range	40.69 USD - 81.12 USD
Investment Opinion	C-1-9
Date Established	20-Dec-2023
Price Objective	90.00 USD
Price	80.92 USD

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

# **iQ**profile<sup>™</sup> Trex Company, Inc.

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Return on Capital Employed	36.7%	27.6%	27.7%	29.9%	28.7%
Return on Equity	37.7%	32.3%	33.4%	32.0%	29.6%
Operating Margin	27.3%	24.3%	25.1%	26.5%	26.9%
Free Cash Flow	99	40	225	125	177
iQmethod <sup>™</sup> – Quality of Earnings*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Cash Realization Ratio	1.0x	1.1x	1.8x	1.1x	1.1x
Asset Replacement Ratio	NA	NA	NA	NA	NA
Tax Rate	24.2%	25.2%	25.3%	25.5%	25.5%
Net Debt-to-Equity Ratio	-19.5%	40.5%	2.4%	-2.6%	-6.4%
Interest Cover	NA	NA	NM	NA	NA
Income Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Sales	1,197	1,106	1,092	1,255	1,368
% Change	35.9%	-7.6%	-1.2%	14.8%	9.0%
Gross Profit	461	404	449	528	579
% Change	NA	NA	NA	NA	NA
EBITDA	362	312	323	383	426
% Change	40.4%	-13.8%	3.5%	18.4%	11.3%
Net Interest & Other Income	0	0	(2)	3	3
Net Income (Adjusted) % Change	247 37.1%	201 -18.8%	203 1.3%	250 23.0%	276 10.5%
Free Cash Flow Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	20251
Net Income from Cont Operations (GAAP)	247	201	203	250	276
Depreciation & Amortization	0	0	0	0	C
Change in Working Capital	(70)	(58)	109	(16)	(17)
Deferred Taxation Charge	NA	NA	NA	NA	NA
Other Adjustments, Net	81	73	60	50	58
Capital Expenditure	(159)	(176)	(148)	(160)	(140)
Free Cash Flow	99	40	225	125	177
% Change	NA (O1)	NA (207)	NA (33)	NA (OE)	NA (125)
Share / Issue Repurchase	(81)	(397)	(33)	(85)	(135)
Cost of Dividends Paid	NA O	NA O	NA	NA O	NA
Change in Debt	0	0	0	0	С
• •	20214	20224	2023E	2024E	20251
(US\$ Millions)	<b>2021A</b>	<b>2022A</b>	<b>2023E</b>	<b>2024E</b>	
( <b>US\$ Millions)</b> Cash & Equivalents	141	12	39	79	121
( <b>US\$ Millions)</b> Cash & Equivalents Trade Receivables	141 151	12 98	39 120	79 137	121 150
(US\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets	141 151 109	12 98 176	39 120 104	79 137 107	121 150 115
(US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	141 151 109 460	12 98 176 590	39 120 104 694	79 137 107 804	121 150 115 886
CUS\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets	141 151 109 460 59	12 98 176 590 57	39 120 104 694 53	79 137 107 804 53	121 150 115 886 53
CUS\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets  Property, Plant & Equipment  Other Non-Current Assets  Total Assets	141 151 109 460 59 <b>920</b>	12 98 176 590 57 <b>934</b>	39 120 104 694 53 <b>1,010</b>	79 137 107 804 53 <b>1,180</b>	121 150 115 886 53 <b>1,325</b>
(US\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets  Property, Plant & Equipment  Other Non-Current Assets	141 151 109 460 59	12 98 176 590 57	39 120 104 694 53	79 137 107 804 53	121 150 115 886 53 <b>1,325</b>
Cush & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities	141 151 109 460 59 <b>920</b>	12 98 176 590 57 <b>934</b> 222	39 120 104 694 53 <b>1,010</b>	79 137 107 804 53 <b>1,180</b>	121 150 115 886 53 <b>1,325</b> 57
CUS\$ Millions)  Cash & Equivalents  Trade Receivables  Other Current Assets  Property, Plant & Equipment  Other Non-Current Assets  Total Assets  Short-Term Debt	141 151 109 460 59 <b>920</b> 0 89	12 98 176 590 57 <b>934</b> 222 69	39 120 104 694 53 <b>1,010</b> 57	79 137 107 804 53 <b>1,180</b> 57	121 150 115 886 53 <b>1,325</b> 57 139
Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt	141 151 109 460 59 <b>920</b> 0 89	12 98 176 590 57 <b>934</b> 222 69	39 120 104 694 53 <b>1,010</b> 57 131	79 137 107 804 53 <b>1,180</b> 57 136	20258 121 150 115 886 53 1,325 57 139 0 123
Trade Receivables Other Current Assets Property, Plant & Equipment Other Non-Current Assets Total Assets Short-Term Debt Other Current Liabilities Long-Term Debt Other Non-Current Liabilities	141 151 109 460 59 <b>920</b> 0 89 0	12 98 176 590 57 <b>934</b> 222 69 0	39 120 104 694 53 <b>1,010</b> 57 131 0	79 137 107 804 53 <b>1,180</b> 57 136 0	121 150 115 886 53 <b>1,325</b> 57 139 0

## **Company Sector**

**Building Products** 

## **Company Description**

TREX is the largest manufacturer of residential composite decking and railing in the US and a leading manufacturer of commercial railing and staging systems. TREX products are sold through both distribution and retail channels and are stocked at over 6,700 locations. Beginning in 2023, TREX will operate in one reportable segment, Residential. In 2022, the Residential segment generated 96% of total revenue while the Commercial segment generating the remaining 4%.

## **Investment Rationale**

We rate TREX shares Buy. Following channel destocking, we believe TREX is well positioned for long-term material conversion away from wood to composite decks and continued gross margin expansion.

#### **Stock Data**

Average Daily Volume

757,782

## **Quarterly Earnings Estimates**

	2022	2023
Q1	0.62A	0.38A
Q2	0.79A	0.71A
Q3	0.14A	0.57A
Q4	0.23A	0.21E

\* For full definitions of  $\emph{IQ}\textit{method}^{\,\text{SM}}$  measures, see page 6.

# CEO meetings highlight early stage growth opportunities

We hosted TREX CEO Bryan Fairbanks for investor meetings in Chicago on Tuesday, 12/19. We came away from the meetings incrementally bullish. Our key takeaways:

- 1. We think Trex's moat, its brand and manufacturing capability (ability to use recycled material), is wider today than any time in the companies' history.
- TREX is not a just beneficiary of the conversion to composite TREX is driving the
  conversion through its consistent innovation and marketing. TREX now has the full
  breadth of composite decking product from entry level to premium, which should
  further solidify its position with its distributors and retail,
- 3. Railing is a meaningful opportunity. TREX is already a leader in the \$3bn+ railing market, but its overall market share is still low. The railing industry is fragmented and ripe for consolidation it has many of the same characteristics as composite decking 10-15 years ago. TREX has significant opportunity to convert its existing distribution away from smaller brands and improve attachment rates to its decks.
- 4. Utilization is below peak levels and Trex already has the capacity to support growth through 2025. The ramp-up in capacity in 2025 (processing) and 2026 (decking) will come with some incremental investment but the long-term return on Trex's capacity investments remain the highest in building products. Trex's continuous improvement initiatives should help offset inflation, while longer term initiatives like recycling and automation could also contribute to margin expansion.
- 5. Trex would consider annual pricing to offset inflation longer term but not in 2024.
- 6. TREX has a clear vision for capital use: invest in organic growth and buyback stock M&A is a distant 3rd priority given the strong returns in the existing business and TREX ability to build organically with high returns.

# Raise 2024E EPS/revenue forecasts; Reiterate Buy

We raise our 2024E EPS estimate by 6% to \$2.33 (7% above consensus) to reflect a stronger revenue growth outlook. We anticipate YoY revenue growth above Trex's long-term 11-13% target in 2024 given: 1) continued outperformance of composite decking relative to other building product categories due to the conversion from wood, 2) \$60-80mm of revenue that will fall in 1H24 instead of 4Q23 due to an early buy timing shift, 3) distributors are entering 2024 more confident than last year following strong sell-out performance in 2023 despite a choppy macro environment, 4) robust product launch schedule (strongest since 2019 in our view) including color and geographic expansion for Signature, 5) adjacent categories are gaining traction (including recently launched fasteners and entry level railing), and 6) we believe Trex (and Azek) are gaining share from smaller tertiary brands.

## Exhibit 1: BofA estimate changes

We are raising our 2024E EPS estimates 6% on Trex

Building	New	Old	Consensus	New vs.	New vs.	New	Old CY	Consensus	New vs.	New vs.
Products	2023E	2023E	2023E	Old	Consensus	2024E	2024E	2024E	Old	Consensus
TREX	1.87	1.85	1.85	1%	1%	2.33	2.19	2.18	6%	7%

**Source:** Bloomberg, BofA Global research estimates

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## 1Q consensus EPS looks too low

We believe 1Q24 consensus estimates are too low and model \$0.67 of EPS vs. Visible Alpha estimates of \$0.55 driven primarily by revenue upside (we forecast 45% growth vs. Visible Alpha 26%).

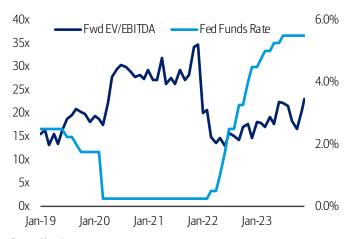


# Lower rates, accelerated growth = higher valuation

We are increasing our target multiple for TREX to 25X EV/2024E EBITDA (from 20X). We believe a higher target multiple is justified given the lower interest rate environment and additional growth opportunities from adjacent categories. TREX's average relative forward EV/EBITDA vs. peers increased to 2.0X during the period of July 2019-February 2022. Over this period, the Fed Funds rate fell from 225 bps to 25 bps. This compares to a previous six 6-month average of 1.7X and 1.8X during the Fed's latest hiking cycle.

## Exhibit 2: Fwd EV/EBITDA vs. Fed Funds Rate

TREX's valuation increases in lower rate environments



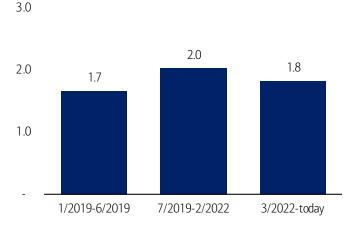
Source: Bloomberg

Note: Data through December 19, 2023

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## Exhibit 3: Fwd EV/EBITDA relative to peers

TREX's relative fwd EV/EBITDA increased during the last rate cut cycle



Source: Bloomberg

Note: The Fed was began cutting interest rates in July 2019 and held at 25 bps until March 2022. Peers include AZEK, OC, AWI, FBIN, MAS and MHK.

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# Price objective basis & risk

## Trex Company, Inc. (TREX)

Our \$90 PO is based on a 25X 2024E EV/EBITDA multiple, which is slightly above TREX's trailing 5-year average (22X), given a favorable growth outlook and a lower rate backdrop. We believe EV/EBITDA is the most appropriate metric for valuing the building product companies.

Upside risks to our PO: 1) an acceleration in residential repair & remodeling and outdoor living spending, 2) a faster than expected conversion from wood decks to composite decks, 3) faster than expected share gains, 4) stronger than anticipated pricing, and 5) continued consumer preference towards enhancing the overall outdoor living space.

Downside risks to our PO: 1) a slowdown in residential repair & remodeling spending, 2) a slower than expected conversion from wood decks to composite decks, 3) market share loss, 4) a mix shift in consumer preferences away from outdoor living, 5) a slowing US economy and 6) rising interest rates.

# **Analyst Certification**

I, Rafe Jadrosich, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

#### **US - Homebuilders and Building Products Coverage Cluster**

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY	. ,		0,	•
	Armstrong World Industries, Inc.	AWI	AWI US	Rafe Jadrosich
	D.R. Horton, Inc.	DHI	DHI US	Rafe Jadrosich
	Latham Group, Inc.	SWIM	SWIM US	Shaun Calnan, CFA
	NVR, Inc.	NVR	NVR US	Rafe Jadrosich
	Owens Corning	OC	OC US	Rafe Jadrosich
	PulteGroup Inc.	PHM	PHM US	Rafe Jadrosich
	The AZEK Company Inc.	AZEK	AZEK US	Rafe Jadrosich
	Toll Brothers, Inc.	TOL	TOL US	Rafe Jadrosich
	TopBuild Corp	BLD	BLD US	Rafe Jadrosich
	Trex Company, Inc.	TREX	TREX US	Rafe Jadrosich
NEUTRAL				
	Builders FirstSource Inc	BLDR	BLDR US	Rafe Jadrosich
	Dream Finders Homes, Inc.	DFH	DFH US	Rafe Jadrosich
	KB Home	KBH	KBH US	Rafe Jadrosich
	Lennar Corporation	LEN	LEN US	Rafe Jadrosich
UNDERPERFORM				
	Fortune Brands Innovations Inc	FBIN	FBIN US	Rafe Jadrosich
	Hayward Holdings, Inc.	HAYW	HAYW US	Rafe Jadrosich
	Masco Corp	MAS	MAS US	Rafe Jadrosich
	Mohawk Industries	MHK	MHK US	Rafe Jadrosich
	Patrick Industries, Inc.	PATK	PATK US	Rafe Jadrosich
	Pool Corporation	POOL	POOL US	Shaun Calnan, CFA



# **Q**method <sup>su</sup> Measures Definitions

<b>Business Performance</b> Return On Capital Employed	Numerator NOPAT = (EBIT + Interest Income) × (1 — Tax Rate) + Goodwill Amortization	<b>Denominator</b> Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill Amortization
Return On Equity Operating Margin Earnings Growth Free Cash Flow	Net Income Operating Profit Expected 5 Year CAGR From Latest Actual Cash Flow From Operations — Total Capex	Shareholders' Equity Sales N/A N/A
Quality of Earnings Cash Realization Ratio Asset Replacement Ratio Tax Rate Net Debt-To-Equity Ratio Interest Cover	Numerator Cash Flow From Operations Capex Tax Charge Net Debt = Total Debt — Cash & Equivalents EBIT	Denominator Net Income Depreciation Pre-Tax Income Total Equity Interest Expense
Valuation Toolkit Price / Earnings Ratio Price / Book Value Dividend Yield Free Cash Flow Yield Enterprise Value / Sales	Numerator Current Share Price Current Share Price Annualised Declared Cash Dividend Cash Flow From Operations — Total Capex EV = Current Share Price × Current Shares + Minority Equity + Net Debt + Other LT Liabilities	Denominator Diluted Earnings Per Share (Basis As Specified) Shareholders' Equity / Current Basic Shares Current Share Price Market Cap = Current Share Price × Current Basic Shares Sales

EV/EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

Monethod <sup>sw</sup> is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

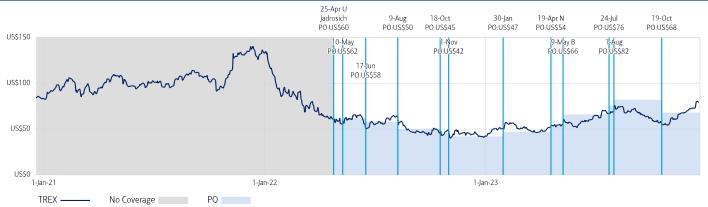
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# **Disclosures**

# **Important Disclosures**

#### Trex Company, Inc. (TREX) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Building Group (as of 30 Sep 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	41	47.67%	Buy	23	56.10%
Hold	14	16.28%	Hold	8	57.14%
Sell	31	36.05%	Sell	9	29.03%

#### Equity Investment Rating Distribution: Global Group (as of 30 Sep 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships <sup>R1</sup>	Count	Percent
Buy	1869	53.48%	Buy	1046	55.97%
Hold	828	23.69%	Hold	461	55.68%
Sell	798	22.83%	Sell	370	46.37%

III Issuers that were investment banking dients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster <sup>R2</sup>
Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%

Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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Underperform

≥ 20%

profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

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