

TRED-eX[®]TREME

MEZZANINE DECKING

Engineered for heavy wheel loads

Impervious to most chemicals

100% moisture barrier

Span ratings available

Small 1/16" expansion gap

Moroccan

Quadripple



Decking Features

- 1/2", 3/4", 1-1/8" x 4' x 8'
T&G 2 long edges (standard panel size)
- Available sizes to 5' x 12'
(Cut-to-size & custom machining available)
- Installs directly to joists or over corrugated roof deck to provide a long-lasting and durable floor
- Small 1/16" expansion gap
- USDA accepted
- Low linear expansion—less susceptible to temperature and humidity changes than other industry panels
- Special additive available to reduce static conductivity
- TRED-eX® Tek Screws—color matched, self-tapping, self-countersinking fasteners are available

Wheel Loads

Laminate Thickness	Plywood Substrate	OSB Substrate	TRED-eXtra® Substrate
.030" HDPE	Foot Traffic	Foot Traffic	Foot Traffic, Carts to 1000#
.050" HDPE	Carts to 2000#	Carts to 2000#	Pallet Jacks to 3500#
.100" HDPE	Pallet Jacks to 2860#	Pallet Jacks to 2860#	Pallet Jacks to 3500#
.200" HDPE	Walkies & Heavier	Walkies & Heavier	Walkies & Heavier

*Wheel loads have been determined using 3/4" substrate, independent laboratory tests and extensive field work. The rating includes the weight of the pallet jack or cart.

Ideal Applications

- Rack Supported Mezzanines
- Free-Standing Mezzanines
- Pick Modules
- USDA Projects
- Catwalks
- Work Platforms
- Shelving

Laminates and Overlays

TRED-eXtreme® panels can be laminated on one or two sides in a variety of colors, textures and thicknesses. High-density polyethylene (HDPE) laminate acts to deflect the load over a larger footprint, allowing for heavier loads than traditional panel products. The HDPE is a 100% moisture barrier that provides tremendous abrasion resistance. Scratches and gouges are visually minimized because the color is pigmented throughout the laminate. TRED-eXtreme panels can be engineered to accommodate heavy wheel loads.

- .030" HDPE— Foot traffic or cart traffic when laminated to a TRED-eXtra® substrate
- .050" HDPE— Cart traffic or pallet jack loads when laminated to a TRED-eXtra substrate
- .100" HDPE— Pallet jack loads or walkies when laminated to a TRED-eXtra substrate
- .200" HDPE— Walkies and heavier

Substrates

TRED-eXtreme can be specified with three different wood-panel substrates—our TRED-eXtra panel, Plywood, or Oriented Strand Board.

TRED-eXtra— Heaviest duty substrate without added cost. TRED-eXtra is rated and warranted for wheel load traffic without any laminate. When TRED-eXtra is specified as a substrate, higher wheel loads are achieved with thinner laminates.

Plywood— Structurally rated; can be used with or without corrugated substructure and can be exposed to repeated wetting and drying cycles. (Available with Class A Fire-Rating or preservative treatment.)

Oriented Strand Board— Structurally rated; can be used with or without corrugated substructure.

Engineering and Performance Data

Abrasion Resistance (ASTM D-1044)	1-5mg/1000
IZOD Impact (ASTM D-256)	7.0 ft-lbs/inch
Tensile Strength (ASTM D-638)	4450 psi
Flame Spread Rating (ASTM E-84)	Class C (III)

Affiliated Resources, Inc. will not be held liable for any incidental or consequential damages, nor any damages that are the result of the misuse or improper installation of TRED-eXtreme.



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