



PRODUCT INFORMATION: Tiikeri™ is TorZo's most elegant and unique product line. It has a linear pattern that makes it ideal for all horizontal, vertical and even flooring applications.

SUSTAINABLE: Made from reclaimed sorghum stalks, Tiikeri is an excellent fit for any green building project. Since Tiikeri has such a high amount of reclaimed material and has no added formaldehyde, when it is used in a green building project it can contribute to the project's LEED certification.

DURABLE: At the heart of the Tiikeri products is an acrylic resin. This resin not only gives Tiikeri an exotic, unique and beautiful look, but it also increases its durability. Tiikeri is ideal for wall paneling, countertops, furniture and vanities.

DISTINCT STYLING: Tiikeri has an unrivaled look. It is both exotic and beautiful, and the perfect product for residential and commercial applications. Tiikeri comes in four unique colors: dusk, midnight, bronze and natural.

DESIGN FLEXIBILITY: Tiikeri's exotic look and colors, ease of fabrication, and durability make it the perfect sustainable surface material for both horizontal and vertical applications.

IDEAL FOR:

- Wall paneling
- Furniture
- Tabletops
- Countertops
- Vanities

KEY FEATURES:

- Exotic, beautiful look
- Durable
- Easy to fabricate
- Can contribute to LEED points

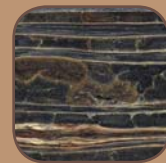
AVAILABLE IN:



Bronze



Dusk



Midnight



Natural

TIIKERI™ is made from acrylic infused sorghum straw material. TorZo's infusion process allows Tiikeri to be cut, fabricated and machined with standard tooling. After the infusion process, Tiikeri is still 50% sorghum straw material. It is the perfect product for horizontal and vertical applications.

■ DIMENSIONS:

BOARD SIZE:

- 3' x 6'

THICKNESS:

- 5/16"
- 5/8"

SHEET WEIGHT:

- 3' x 6' x 5/16" = 33 lbs
- 3' x 6' x 5/8" = 60 lbs

DENSITY:

- 62 lbs/ft³

■ ENVIRONMENTAL LEED CREDITS:

- I.E.Q. 4.4
- M.R. 4, 5*, 6

*applies to projects that are within a 500 mile radius of TorZo's manufacturing facility in Woodburn, Oregon (ZIP code 97071).

■ COLORS:

■ MATERIAL PROPERTIES:

PROPERTY	TIIKERI	UNITS
Thickness	5/8	inches
Density	62	lbs/ft ³
Internal Bond	112	lbs/in ²
Modulus of Rupture	4,693	lbs/in ²
Modulus of Elasticity	586,629	lbs/in ²
Hardness – Janka Ball	1,642	lbs, Janka Ball
Screw Holding Face	287	lbs required to pull 1" #10 sheet metal screw
Screw Holding Edge	158	lbs required to pull 1" #10 sheet metal screw
Linear Expansion	0.06	% dimensional change in length and width due to humidity change from 50% – 80% RH
Moisture Content	3.5	%, oven-dry basis
Fire Rating	C	Class

■ FABRICATION:

Tiikeri can be cut using standard carbon tip blades. Avoid feeding the material too fast to prevent binding or too slow to prevent burning.

Tiikeri can be routed using standard carbide router tips. Material can be hand routed or routed on a CNC machine. Also, a mitered drop edge technique can be applied to give the appearance of thicker material.

The Tiikeri material comes pre-sanded to 220 grit. In order to ensure a smooth, clean surface before a coating is applied, TorZo recommends the material be sanded with a random orbital sander to a 400 grit finish and then wiped down with a damp cloth, after fabrication.

Care should be taken to not over sand the material. Doing so will sand off the acrylic UV material used to fill voids in the board's surface and result in surface cratering. Once this occurs, the only way to eliminate these craters is to apply clear epoxy filler.

Titebond II® can be used for gluing Tiikeri. For V-groove applications, a two-part solid surface epoxy system that best matches Tiikeri's color, or a clear epoxy, is recommended. Please note: TorZo Surfaces does not recommend Tiikeri be used for undermount sink applications.

For more in depth fabrication information, please see the TorZo Fabrication Guide and Edge Fabrication Guide, which are available from TorZo distributors.

