



PRODUCT INFORMATION: ParDa™ is a beautiful line of sustainable surface material from TorZo.™ Manufactured in the Pacific Northwest, ParDa represents the commitment by TorZo to provide the building and design industry with sustainable surface products that are stylish, extremely durable and — most importantly — environmentally friendly.

SUSTAINABLE: ParDa is made from FSC certified particle board and has no added urea formaldehyde (NAUF). These properties make ParDa an excellent fit for any green building project. Using ParDa in green building projects can also help contribute to a project's LEED certification.

DURABLE: At the heart of the ParDa line of surfaces is an acrylic resin. This resin allows ParDa to have a hardness coefficient substantially higher than most any hardwood. ParDa's hardness and durability make it the ideal product for high wear sustainable surface applications.

DISTINCT STYLING: ParDa creates a warm, organic and very unique look that can be used for a variety of projects. It is the ideal product for any project, big or small, that is trying to highlight sustainability. ParDa is available in four standard colors: onyx, cocoa, copper and natural. It is also available in four elegant custom colors: sapphire, turquoise, ruby and amethyst.

DESIGN FLEXIBILITY: ParDa's elegant styling, ease of fabrication, durability and color options make it the ideal sustainable surface material for horizontal and vertical projects.

IDEAL FOR:

- Furniture
- Tabletops
- Countertops
- Vanities
- Flooring

KEY FEATURES:

- Warm, unique organic look
- Durable
- Easy to fabricate

AVAILABLE IN:



Cocoa



Copper



Natural



Onyx

PARDA™ is made from FSC certified particle board and has no added urea formaldehyde (NAUF). TorZo's infusion process allows Parada to be cut, fabricated and machined using standard wood based tooling. After the infusion process, Parada is still 70% recycled wood fiber material. It is the perfect product for horizontal and vertical applications.

■ DIMENSIONS:

BOARD SIZE:

- 3' x 8'

THICKNESS:

- 3/8"
- 1/2"

SHEET WEIGHT:

- 3' x 8' x 3/8" = 57 lbs
- 3' x 8' x 1/2" = 77 lbs

DENSITY:

- 76 lbs/ft³

■ ENVIRONMENTAL LEED CREDITS:

- I.E.Q. 4.4
- M.R. 4, 5*, 7

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

■ CUSTOM COLORS:

Amethyst

Ruby

Sapphire

Turquoise

■ MATERIAL PROPERTIES:

PROPERTY	PARDA	UNITS
Thickness	1/2	inches
Density	76	lbs/ft ³
Internal Bond	735	lbs/in ²
Modulus of Rupture	4,477	lbs/in ²
Modulus of Elasticity	797,295	lbs/in ²
Hardness – Janka Ball	4,897	lbs, Janka Ball
Screw Holding Face	762	lbs required to pull 1" #10 sheet metal screw
Screw Holding Edge	618	lbs required to pull 1" #10 sheet metal screw
Linear Expansion	0.17	% dimensional change in length and width due to humidity change from 50% – 80% RH
Moisture Content	3	%, oven-dry basis
Fire Rating	C	Class

■ FABRICATION:

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

Parada 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.

Parada will need to be sanded before the coating process, but after fabrication. 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. This will fully eliminate any sanding marks from the belt sanding process.

Either Titebond II® wood adhesive or a two-part solid surface epoxy can be used for gluing Parada. For seaming and miter edge applications, a two-part solid surface epoxy system that best matches Parada's color, or a clear epoxy, is recommended.

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