pit-board

by pit-to-table



ABOUT PIT-TO-TABLE

Formed in Cyprus, Pit-to-Table transforms discarded olive pits into table tops and bio-panels, reducing organic waste while offering a sustainable alternative to conventional worktops. From the island's divided communities, we strive to inspire global design action with inclusivity and sustainability at our core. Our commercial panels, crafted under the name pit-board, blend striking visual storytelling with heritage, durability, and a premium finish.

PRODUCT OVERVIEW

Product Name: Pit-Board
Brand: Pit-to-Table
Product Type: Bio-composite Panel
Applications: Furniture, Worktops, Wall Panels, Interior Design

COMPOSITION

Primary Material: Recycled olive pits and agricultural waste
Binder: Bio-based eco resin made out of cashew nut shells
Finish: Osmo top oil (applied by fabricator, not provided by Pit-to-Table unless specified)
Origin: Cyprus *(sourced from both Turkish and Greek Cypriot communities)*

KEY FEATURES

- 18mm bio-composite panel requiring no plywood/MDF substrate.
- Made from at least 60% agricultural waste (olive pits) and bio-resin made out of cashew nut skin.
- No additional edge treatment (ABS, PVC) required.
- Natural tactile feel with a premium finish.
- Moisture resistant and durable.
- Backed by the United Nations Development Programme, supporting 7 of 17 SDGs.

APPLICATIONS

- Tabletops and counters
- Interior wall panels and cladding
- Furniture components
- Decorative panels
- Commercial and residential installations

AVAILABLE DIMENSIONS

Standard panel sizes:

- 1400 mm x 1000 mm x 18 mm

Custom sizes and shapes available upon request.

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IMPORTANT INFORMATION

The product is supplied in panels, in a slightly larger size than 1400x1000mm so it can be cut down to this exact measurement. The product is supplied in raw form and needs to be sanded and oiled as per manufacturer's fabrication guidelines. Each pit-board will show variation in tone and texture due to its natural ingredients. Thicknesses may vary up to -1/+1mm. There are two clear sides to panels, front and back. Care should be taken when handling the product so the front does not get scratched. The back is different to the front and has small small holes and imperfections as per the samples provided. The edges are raw and need to be cut to the specified panel size of 1400x1000mm in order to achieve a sharp finish seen on the samples.

TECHNICAL PERFORMANCE

Tested by: LGAI Technological Center, S.A. (Applus+)
Test Standard: UNE-EN 310:1993 — Determination of Modulus of Elasticity in Bending and Resistance to Bending.
Sample: Recycled Olive Pit Boards (6 test specimens, 1050 x 50 mm).

Average Flexural Strength (fm): 17.8 N/mm²
Average Modulus of Elasticity (Em): 2498 N/mm²
Average Maximum Strength: 595 N
Testing Conditions: 65% RH ±5, 20°C ±2, conditioned to constant mass.

PHYSICAL PROPERTIES

Tested by: LGAI Technological Center, S.A. (Applus+)
Test Standard: UNE-EN 322:1993 — Determination of Moisture Content
Average Moisture Content (H): 4.2%

Test Standard: UNE-EN 323:1993 — Determination of Density
Average Density (ρ): 1049 kg/m³

Test Standard: UNE-EN 317:1993 — Determination of Swelling in Thickness after Immersion in Water
Average Thickness Swelling (Gt): 0.1%

Testing Conditions: 65% RH ±5, 20°C ±2, conditioned to constant mass.
Samples: Recycled Olive Pit Boards (50x50 mm test specimens).
Test Report Reference: 25/32306963, Bellaterra, 8 September 2025.

MAINTENANCE & CARE

- Clean using a soft cloth and mild detergent.
- Avoid harsh chemicals or abrasives.
- Wipe moisture immediately to prevent discoloration.
- Use coasters and mats under hot or wet items.
- Avoid prolonged exposure to direct sunlight.