

Zero Panels:
Interior Eco-Innovation
Sustainable Solutions for Modern Living





Eco-Friendly Interior Solutions

Zero Panels are at the forefront of environmentally and climate conscious interior solutions. Crafted from surplus materials in our production process, these panels optimise resource use, ensuring no additional trees are felled. With our innovative use of lignin, a natural binder derived from wood, we significantly reduce reliance on fossil-based materials.

This approach contributes to sequestering carbon and sets a new standard in environmentally conscious manufacturing.

- 100% renewable raw materials
- No added formaldehyde
- Free from isocyanates
- No oil-based or fossil materials

Transforming Spaces with Innovative Design

Broad range of uses:

- Ideal for flooring, furniture, and cabinetry
- Consistent in strength and durability
- High-quality, reliable performance

Zero Panels are the ideal blend of versatility and durability for diverse interior applications. From sophisticated flooring to custom cabinetry and innovative furniture designs, these panels adapt effortlessly to both residential and commercial settings. Manufactured in Finland, Zero Panels maintain superior quality standards, reflecting our dedication to delivering exceptional products worldwide.



” Koskisen is dedicated to responsible practices and sustainable forest management, offering products that contribute to a sustainable future.



Innovative Engineering, Sustainable Impact

The Koskisen Zero Panel exemplifies a blend of advanced engineering and environmental mindfulness, and showcases a commitment to sustainable quality.

Raw material	Sawdust and wood chip side streams from Koskisen's wood industry
Base board	P2 chipboard meeting the requirements of standard E312
Formaldehyde Class	No added formaldehyde EPA 40 CFR, TSCA Title VI, § 770.10.
Thickness	6–36mm
Sizes	Uncoated: 1220x2630mm, 1290x3045mm, 1830x2630mm, 1200–1830x1830–4580mm, Other sizes at request Coated: 1830x2750mm
Density	700kg/m ³
Machining	Drilling of holes and edge machining such as T&G, chamfer and rebate on request

Particle board P2

	Unit	Board thickness				
		> 6–13	> 13–20	> 20–25	> 25–32	> 32–40
Mechanical properties EN 312						
Bending strength	N/mm ²	11	11	10.5	9.5	8.5
Modulus of elasticity in bending	N/mm ²	1,800	1,600	1,500	1,350	1,200
Internal bond	N/mm ²	0.40	0.35	0.30	0.25	0.20
Surface soundness	N/mm ²	0.80	0.80	0.80	0.80	0.80
Density (target)	kg/m ³	750	700	685	650	620



	Unit	Board thickness
General tolerances EN 324-1		
Length	mm	+/-5
Width	mm	+/-5
Thickness	mm	+/-0.3
Straightness of edge	mm/m	1.5
Squareness	mm/m	2
Density	%	+/-10

	Unit	
Essential characteristics EN 13986		
Release of formaldehyde		No added formaldehyde EPA 40 CFR, TSCA title VI, § 770.10.
Reaction to fire*		D-s2, d0
Water vapour permeability	kg/msPa	3...7 x 10 ⁻¹²
Air permeability	m ² /sPa	10...25 x 10 ⁻⁹
Thermal conductivity	W/(m · k)	0.13
Biological durability (EN 335)		Class 1
Content of PCP		≤5ppm
Sound insulation**	dB	24–29

* If density is over 400 kg/m² and thickness above 9 mm

** Panel thickness between 12–18 mm



The mark of
responsible forestry



Discover the innovative blend of Chip and Lignin in Koskisen's Zero Panels. These two by-products, one a bio-based adhesive and the other a wood shaving from our manufacturing process, come together to create something truly special. The result is a product that leads the way in sustainable interior solutions.

Zero Panels stand out for their eco-friendly qualities and superior performance. Manufactured in Finland, these panels offer unmatched durability and versatility for a wide range of interior applications, from elegant home designs to robust commercial spaces.

Choose Zero Panels for your next project and experience the perfect blend of sustainability, quality, and innovative design. With Koskisen, you're choosing a future-focused solution for modern living.

