

PRODUCT DESCRIPTION

Paper Waste Panels is a collection of decorative wall panels suitable for interior use, versatile, easy to install, and easy to maintain, aiming to improve the sustainability profile of the built environment in which they are installed. The Paper Waste Panels are waste-based, plant-based, non-toxic, 100% recyclable in the same loop (with the implementation of a takeback program), and they have a low embodied carbon profile. This remarkable ecological character is accomplished mostly by the combination of its primary raw materials: the HONEXT® board and Iridea Bio as a protective coating. The HONEXT® board is made from cellulose waste from the paper industry, and the Iridea Bio coating is composed of up to 75% water and non-toxic and renewable raw materials derived from waste vegetable matter unfit for human consumption. Currently, the Paper Waste Panels collection comprises three patterns debossed on the surface, offering various shadow effects. The unique pressing technology enables pattern customization for large orders. Colours can also be customized by providing a RAL or NCS code.

FACT: 100 m² of Alted H01 panels save 722kg of waste from ending up in landfills.

PRODUCT PROFILE



Waste-based
98% of recycled content



Plant-based
80% of the raw material



Recyclable
100% in the same loop



Non-toxic
A+ air quality, no added
VOCs



Reduced CO₂ E
Low embodied carbon
profile



Local production
Sourcing and manufacturing
within a 50km radius



Aesthetical variations
3 patterns, 5 colours and
customization options



Easy to install
Standard format and
installing systems



Easy to clean and to
maintain, using a moist
or dry cloth

CHARACTERISTICS

Main raw material	Paper industry waste and post-consumer cardboard – HONEXT®
Coating	Bio-resins extracted from plant-based waste – Iridea Bio
Area of use	Interior walls and ceilings
Installation	French cleat, z-clip, glue, screws
Size	600x600 mm ±1mm
Thickness	8mm ±0,5mm
Density	790 ± 10 kg/m ³
Weight	2,3 kg/panel
Fire Reaction	C-s1,d0. Available in B-s1,d0 from 2025
VOCs	A+ air quality (Grenelle Law)
Acoustic Absorption	0,15 α _w
Hardness	Shore A: 6 ± 1
Resilience (Rebound)	14,7 ± 2,3%
Flexural Strength	6,3 ± 0,9 MPa

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