

Paper Waste Panels

Product Data Sheet



PRODUCT DESCRIPTION

Alted® H01, the Paper Waste Panels, is a collection of decorative wall panels designed for interior use. The panels are versatile, easy to install and maintain, and aim to improve the sustainability profile of the built environment in which they are installed. Alted® H01 panels are waste-based, plant-based, non-toxic, 100% recyclable back into the substrate production loop (once a take-back program is implemented), and have a low embodied carbon footprint. These environmental characteristics are largely achieved through the combination of their two primary components: HONEXT® board and Iridea Bio protective coating. HONEXT® board is made from cellulose waste from the paper industry, while Iridea Bio coating is composed of up to 75% water and non-toxic, renewable raw materials derived from waste vegetable matter unfit for human consumption. Currently, the Alted® H01 collection comprises three patterns debossed on the surface, creating different shadow effects. The unique pressing technology enables pattern customization for large orders. Colours can also be customized by providing a RAL or NCS code.

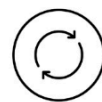
FACT: 100 m² of Alted® H01 panels save 722kg of waste from ending up in landfills.



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

Name and code	Alted® H01 Paper Waste Panels
Main raw material	Paper industry waste and post-consumer cardboard
Coating	Bio-resins extracted from plant-based waste
Area of use	Interior walls and ceilings
Installation	French-cleat, z-clip, glue, screws
Size	600x600 mm ±1mm
Thickness	8 mm +1mm/-0mm
Density	790 ± 10 kg/m ³
Weight	2,3 kg/panel
Fire Reaction	Euroclass C-s1,d0 and B-s1,d0 ASTM E84 Class A
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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