



Courtesy of Beddeleem NV

# Air Ultralight

## Ultra-light chipboard for interior door cores

Air Ultralight is an extremely light type of chipboard with a fine, sanded surface. The chipboard is perfectly suited for non-load bearing use in dry environments. It is suitable for applications in service class 1 (limited temperature and atmospheric humidity) and exclusively in biological hazard class 1 of EN Standard 335-3.

### Applications

- Doors

### Characteristics



Lightweight



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## Applications

Tests by Warrington Fire (Belgium) and Effectis (France) have demonstrated that the Air Ultralight is particularly suitable for use as a core for interior doors with a fire resistance of 30 to 60 minutes. The light weight of the carrier board demands less of the hinges than other, heavier board material.

The result is a door that is sturdy but light, with minimal distortion in a fire. The ultra-light Air Ultralight boards are also suitable for building stands.

## Technical specifications

General characteristics + Standard	Unit	Average values		
Thickness EN 324-1	mm	32	33	44
Density EN 323	kg/m <sup>3</sup>	470 +/-5%	470 +/-5%	470 +/-5%
Moisture level EN 322	%	5-10	5-10	5-10
Technical characteristics + Standard	Unit	5/95 percentile values		
Bending strength EN 310	N/mm <sup>2</sup>	2,0	2,0	2,0
Internal bond EN 319	N/mm <sup>2</sup>	0,14	0,14	0,14
Bending stiffness EN 310	N/mm <sup>2</sup>	400	400	375

Air400 falls under formaldehyde emission class E1 and complies with the general requirements as described in Table 1 of the EN 312 standard. The thickness tolerance (sanded) is more strictly defined than in the standard at +/- 0.2mm.

## Available dimensions and thicknesses

Air Ultralight is available on demand and can be made to order.

For our technical capabilities on custom thicknesses and dimensions, as well as minimum order requirements, please contact our sales team or email [info.panels@unilin.com](mailto:info.panels@unilin.com).

## Certificates

UNILIN Division Panels is actively committed to sustainable forest management. The Air Ultralight is available on demand with PEFC and FSC® labelling.