Air®

Light chipboard for interior door cores

Air is light chipboard with a fine, sanded surface and a different density around 560kg/m³. This 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

- Chipboard: LP2
- Lightweight
- 100% recovered wood

UNILIN

Air®

Applications

The light weight of the carrierboard provides increased acoustic comfort and 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 Air boards are also suitable for building stands.

Technical specifications

General characteristics + Standard	Unit	Average values		
Thickness EN 324-1	mm	>25-32	>32-40	>40
Density EN 323	kg/m^3	560 +/-5%	560 +/-5%	560 +/-5%
Moisture level EN 322	%	5-10	5-10	5-10
Technical characteristics + Standard	**Unit**	**Thickness (mm)**		
Bending strength EN 310	N/mm^2	5,0	4,5	4,0
Internal bond EN 319	N/mm^2	0,20	0,17	0,17
Bending stiffness EN 310	N/mm^2	850	750	650

Air comes under formaldehyde emission class E1 and meets the general requirements described in Table 1 of standard EN312.
The thicknesstolerance (of the sanded board) deviates from this standard and is defined more strictly at +/-0.2 mm.

Available dimensions / thicknesses

Air 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.

Certificates

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

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