



Hydrolis

Moisture-resistant chipboard

Hydrolis is an MUF-glued, moisture-resistant chipboard, suitable for industrial processing in furniture and interior applications. This board only displays minimal expansion and swelling under the influence of high atmospheric humidity. These boards are easy to saw and particularly suitable for applications in service class 2 (limited temperature and atmospheric humidity) and biological hazard classes 1 and 2 of EN Standard 335-3.

Applications

- Interior
- Packaging

Characteristics



Product class P3



Moisture-resistant



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Applications

Hydrolis chipboard is suitable for non-load bearing applications in a damp environment. A perfect finish can be given to the boards with paper, melamine, veneer or laminate. This is one reason why they are ideal for interior applications and furniture production.

Technical specifications

General characteristics + Standard	Unit	Average values				
Thickness EN 324-1	mm	10	12	16	18	22
Moisture level EN 322	%	6-10	6-10	6-10	6-10	6-10
Technical characteristics + Standard		5/95 percentile values				
Bending strength EN 310	N/mm ²	15	15	14	14	12
Internal bond EN 319	N/mm ²	0,45	0,45	0,45	0,45	0,40
Bending stiffness EN 310	N/mm ²	2050	2050	1950	1950	1850
Swelling/24h EN 317	%	17	17	14	14	13
Internal bond after cyclic test EN 321-1	N/mm ²	0,15	0,15	0,13	0,13	0,12
Swelling after cyclic test EN 321-1	%	14	14	13	13	12

Hydrolis meets the general requirements and comes under formaldehyde emission class E1 as described in Table 1 of EN Standard 312.

Finishes

Hydrolis is available as standard with a fine, sanded surface that is perfectly suitable for further finishing.

Available dimensions and thicknesses

Hydrolis is available from stock in various finishes, thicknesses and dimensions. Consult the complete UNILIN Panels stock range at www.unilinpanels.com.

For our technical capabilities on custom thicknesses and dimensions, please contact our sales team or email info.panels@unilin.com.

Certificates

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

