



Hydrolis WRB

Moisture-resistant chipboard for concrete formwork

MUF-glued Hydrolis WRB is a moisture-resistant chipboard produced with high volume density, specifically for concrete formwork. Hydrolis WRB only demonstrates minimal expansion and swelling under the influence of high atmospheric humidity. These boards are easy to saw and particularly suited to applications in service class 2 (limited temperature and atmospheric humidity) and biological hazard classes 1 and 2 of EN Standard 335-3.

Applications

- Concrete formwork

Characteristics



Product class P3



Moisture resistant



TopFinish



Hydrolis WRB

Applications

Hydrolis WRB with a TopFinish surface is particularly well suited for use as a formwork board for short-term concrete formwork. The time for this is limited to a maximum of two days due to the absorbent surface of the formwork. Applying a suitable dismantling oil is recommended. This helps to ensure that you can re-use Hydrolis WRB several times.

Technical specifications

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

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

Finishes

Hydrolis WRB is available as standard with a heat-treated TopFinish surface. This creates an extra-hard, sealed surface with greater impact resistance, which is easy to clean. The high concentration of natural paraffin in the surface makes these boards especially moisture resistant. All these advantages mean that boards with a TopFinish surface are particularly suitable for load-bearing building applications such as concrete formwork.

Available dimensions and thicknesses

Hydrolis WRB is available from stock. Consult the complete UNILIN Panels stock range at www.unilinpanels.com.

For our technical possibilities in terms of different 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. Hydrolis WRB is available on demand with PEFC and FSC® labelling.

