

uniMDFhydro air

BOARDS

uniMDF hydro air is a wood based panel with a lower density, type L.MDF.H according to standard EN 622-5. This board is suitable for general use in humid spaces (service class 2 according to EN 1 5-1-1).

- ✓ Water resistant
- ✓ Green coloured
- ✓ Low density
- ✓ Homogeneously sealed surface
- ✓ Low formaldehyde content (E)
- ✓ High sanding quality



Description

uniMDF hydro air is made of pine wood, which is responsible for its typical light, stable wood colour. During the manufacturing process, the wood fibres are mixed with special glue and subsequently compressed under high pressure and at a high temperature to produce a homogeneous MDF board. Doing so prevents **uniMDF hydro air** from swelling after contact with water as quickly as regular MDF, which makes this board better suited for wet areas. **uniMDF hydro air** is made of wood from sustainably managed forests of non-controversial origin.

Applications

uniMDF hydro air has better moisture resistance than other MDF panels. Moreover, this panel has a lower density and consequently comes with greater ease of use compared to **UniMDFhydro comfort**. This undoubtedly makes **uniMDF hydro air** the best choice for the manufacturing of skirtings and profiles.

Finishing options

- Melamine applications
- Veneer applications
- Finish foil
- Painted
- HPL or CPL

Certificates

UNILIN, division panels is very actively committed to sustainable forest management. Which is why our wood based panels are also available with **PEFC** and **FSC labels** on request. The quality of our products is assured by the **ISO 9001 certificate**, amongst others.

Technical properties

Property	Test method	Value
Residual moisture	EN 322	6 ± 2%
Formaldehyde content: perforation value	EN 120	≤ 8mg/100g Certificate E1

Property	Test method	Unit	Thickness (mm)			
			> 6 a 9	> 9 a 12	> 12 a 19	> 19 a 30
Density	EN 323	kg/m ³	620 ± 30	600 ± 30	600 ± 30	600 ± 30
Traction strength	EN 319	N/mm ²	0,45	0,45	0,45	0,45
Bending strength	EN 310	N/mm ²	20	20	18	16
Modulus of elasticity	EN 310	N/mm ²	1700	1700	1600	1500
Swelling	EN 317	%	18	16	13	12
Option 1:	EN 321 - EN 317	%	19	16	15	15
	EN 321 - EN 319	N/mm ²	0,3	0,25	0,25	0,15
Option 2:	EN 1087-1 - EN 319	N/mm ²	0,15	0,15	0,12	0,12

¹ The standard colouring of uniMDF hydro air is green. This colour and its intensity are only meant to identify the product and do not have any influence on the quality of the board. We also produce uniMDF hydro air without colouring upon request.

Range and options

UNILIN, division panels runs two continuous presses with the following manufacturing features:

		Minimum (mm)	Maximum (mm)
PRESS 1	Width	2440	2600
	Length	3250	6530
	Thickness	6	28
PRESS 2	Width	1830	2250
	Length	3225	6550
	Thickness	6	28

Standard product range						
Thickness in mm		12	15	18	22	38
2440x1220	Packing unit	75	60	50	40	20
	kg/pack (x1000)	1,64	1,64	1,63	1,63	1,72
3050x1220	Packing unit	75	60	50	36	20
	kg/pack (x1000)	2,05	2,04	2,04	1,80	1,75

Weight per pack is informative and indicative (tolerance +/- 10%).

These products are always available in stock and a full truck can be delivered within 5 working days.

These products are available against orders for a full truck, and can be delivered within 4 weeks.

For more information about our sawing capacity or potential thicknesses and finishes, please contact your sales manager or our sales team at info.panels@unilin.com.