

# uniMDFcomfort

BOARDS

**UniMDFcomfort** is a wood based panel, type MDF according to EN 622-5. This board is suitable for industrial processing and general use in dry spaces (service class 1 according to EN 1995-1-1).

- ✓ Light and stable wood colour
- ✓ High density
- ✓ Highly densified surface
- ✓ Low formaldehyde content (E1)
- ✓ Strong technical properties
- ✓ High sanding quality



## Description

**UniMDFcomfort** is made from pine wood, which is responsible for its typical light and stable wood colour. During the manufacturing process, the wood fibres are mixed with UF glue and subsequently compressed under high pressure and at a high temperature to produce a homogeneous MDF board. The board has a high surface density and is sanded down to a fine finish. The highly densified surface allows for **UniMDFcomfort** to be used not only for melamine and veneering, but also to be painted or lacquered. This makes it extremely suitable for fitting out shops, interior finishing and for furniture production. **UniMDFcomfort** is made of wood from sustainably managed forests of non-controversial origin.

## 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 range in stock																
Thickness (mm)		3	6	8	9	10	12	15	16	18	19	22	25	28	30	38
2440x1220	Pack quantity	240	138	104	88	84	68	56	52	44	44	36	32	28	25	20
	Kg/pak (x1000)	1,80	2,01	1,97	1,83	1,91	1,86	1,85	1,83	1,75	1,84	1,7	1,72	1,68	1,62	1,60
3050x1220	Pack quantity				96		68	56	52	44	44	36				
	Kg/pak (x1000)				2,23		2,32	2,31	2,29	2,17	2,30	2,14				
2800x2070	Pack quantity		85	52		52	44	36	34	30	30	24	20			
	Kg/pak (x1000)		2,41	1,90		2,29	2,34	2,33	2,34	2,31	2,44	2,24	2,12			
4100x2070	Pack quantity								22		18					
	Kg/pak (x1000)									2,20		2,20				

Weight per pack (tolerance +/- 10%) specified by way of information and indication

These products are in stock at all times and are available to be supplied within 5 working days. For further information about our sawing capacity or available thicknesses and finishes, please contact your sales representative or our sales department at sales.panels@unilin.com.

## Applications

**UniMDFcomfort** is very versatile, offering numerous possibilities for applications in the manufacturing industry and general construction. The board comes with excellent technical properties and is easy to process. Hence, this quality is often used for interior finishes, exhibition stands and shop fitting, as well as for the production of skirting boards, profiles, furniture, wall and ceiling systems.

## Finishing options

- Melamine application
- Veneer applications
- Lacquered
- Finish foil
- Painted
- HPL or CPL
- Raw board



## 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.  
 For further information on **CARB P2**-certification in **UniMDFcomfort**-products, please contact your sales representative or our sales department at [sales.panels@unilin.com](mailto:sales.panels@unilin.com).  
 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. <b>Certificate E1</b>

Property	Test method	Unit	Thickness (mm)						
			6	> 6 a 7	> 7 a 8	> 8 a 9	> 9 a 12	> 12 a 19	> 19 a 30
Density	EN 323	kg/m <sup>3</sup>	800 ± 30	800 ± 30	780 ± 30	760 ± 30	750 ± 30	730 ± 30	720 ± 30
Tensile strength	EN 319	N/mm <sup>2</sup>	0,65	0,65	0,65	0,65	0,6	0,55	0,55
Bending strength	EN 310	N/mm <sup>2</sup>	23	23	23	23	22	20	18
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	2700	2700	2700	2700	2500	2200	2100
Swelling	EN 317	%	30	17	17	17	15	12	10