



Belspan[®] LF





Low-formaldehyde, non-structural chipboard for high-qualitative interior and furniture applications

Belspan LF panels have a strong, screwable core and are perfectly suited to industrial processing for furniture and interior design. The low formaldehyde, non-structural P2 chipboard is suitable for dry conditions (service class 1). This board has low formaldehyde emission (E1 class) and also meets the requirements set by the California Air Resources Board (CARB - phase 2) and EPA (TSCA - Title VI). Belspan LF is made from 100% recovered wood: up to 90% post-consumer wood, supplemented by 10% pre-consumer wood from waste flows from the wood industry or thinned wood from sustainable forestry and verge management.

Applications

- Interior and furniture
- Packaging
- Dry conditions, service class 1

Characteristics

-  Chipboard P2
-  Sanded or Topfinish
-  Low formaldehyde, CARBII & ETA compliant
-  100% recovered wood



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Applications

Belspan LF chipboard can easily be finished with melamine, lacquer, veneer or laminate. This is the reason why the boards are excellent for interior applications and furniture production.

Technical specifications

General characteristics + Standard	Unit	Average values					
Thickness EN 324-1	mm	>6-13	>13-20	>20-25	>25-32	>32-40	>40
Bending strength EN 310	N/mm ²	NPD	NPD	NPD	NPD	NPD	NPD
Bending stiffness EN 310	N/mm ²	NPD	NPD	NPD	NPD	NPD	NPD
Internal bond EN 319	N/mm ²	0,35	0,35	0,30	0,25	0,20	0,20
Water vapour permeability	Wet %	16	16	16	15	15	15
	Dry %	50	50	50	50	50	50

Belspan LF meets the general requirements and comes under formaldehyde emission class E1 as described in Table 1 of EN Standard 622-1.

Finish

Belspan is available as standard with a fine, sanded surface that is particularly suited to finishing with melamine, lacquer, veneer or laminate. Upon request, Belspan can be produced with a Topfinish surface. The increased concentration of natural paraffin in the surface increases its moisture resistance and is easy to clean. Our boards with a Topfinish surface also score highly for airtightness.

Available dimensions / thicknesses*

Belspan LF 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, as well as minimum order requirements, please contact our sales team or email info.panels@unilin.com.

Certificates

Belspan LF has low formaldehyde emission (E1 class) and also meets the requirements set by the California Air Resources Board (CARB - phase 2) and EPA (TSCA - Title VI) UNILIN Division Panels is actively committed to sustainable forest management. Belspan LF is available on demand with PEFC and FSC labelling.

