



luxpanel
International

LUXBOARD A - DECOR



DESCRIPTION

Luxboard A-Decor is an aluminium honeycomb sandwich panel based on Luxboard A coated with decorative materials (HPL, CPL, foil).

Decor material application (HPL, CPL, foil)

Decor panels based on Luxboard A can be coated on one or both sides with decorative coverings such as HPL, CPL or foil. These decor materials are glued to the panel surface with a suitable adhesive system and are available in a variety of colors and patterns. Examples include solid colors, matte and high gloss finishes, wood, stone, leather, metal decors, as well as textured designs. Here some examples of decors that can be used as surface coverings for Luxboard A panels:



APPLICATION AND BENEFITS

- Lightweight and high stable aluminium honeycomb sandwich panels for decorative indoor and outdoor applications.
- High variety of surface design options offers users the possibility to choose from a wide range of options and to design their applications individually.
- Component thicknesses and dimensions are variable and can be specific manufactured upon request. This allow a variety of possible applications and offer market advantages.
- Due to coating the panel surfaces are additional protected against environmental conditions.



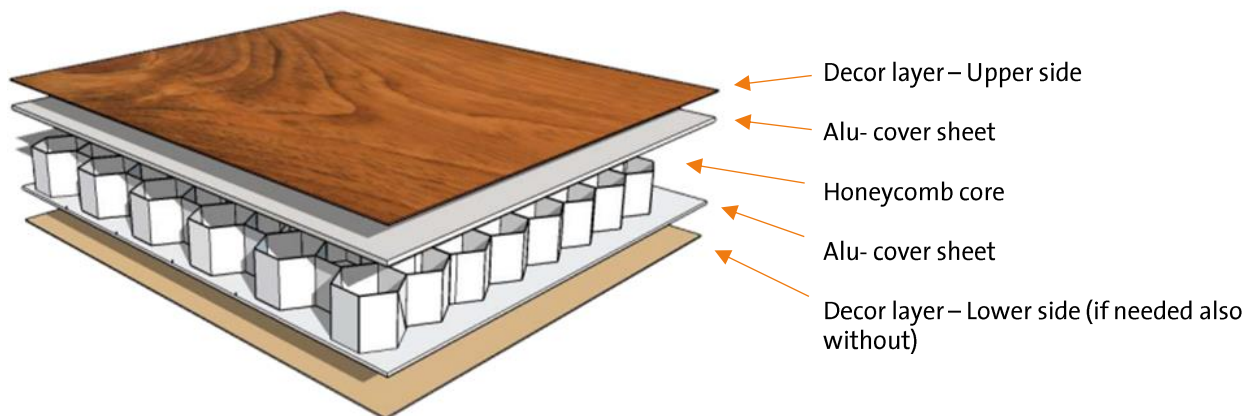


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TECHNICAL DATA

Luxboard A -Decor*		
Thickness	Total thickness panel [mm]	upon customer request
Dimensions	Width [mm]	1280 / 1530 mm or agreement
	Length [mm]	upon customer request
Decor sheet	Decor material	HPL, CPL, foil
Honeycomb core	Material	EN-AW 3003
	Cell size [inch - mm]	1/4" - 6,4; 3/8" - 9,6; 1/2" - 12,7
Alu-cover sheet	Alloy	EN-Al 5754
	E-Modulus [N/mm ²]	70.000
	Tensile Strength Rm [N/mm ²]	280
	Thickness [mm]	0,5 – 1,0

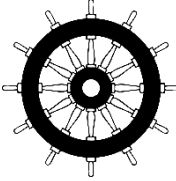

* All technical und mechanical values see Data Sheet **Luxboard A**





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CERTIFICATE (LUXBOARD A)

Ship construction		<p>Module D Production Quality Assurance</p> <ul style="list-style-type: none"> Module D MEDD000013Y-rev.6 <p>Module B – Type Approvals</p> <p>Item no. MED/3.13 non-combustible</p> <p>Luxboard A honeycomb core with USCG no. 164.109</p> <ul style="list-style-type: none"> Module B MEDB00003ZH-rev.2 <p>Item no. MED/3.64 C-class divisions, non-combustible materials</p> <p>Luxboard A</p> <p>Item no. MED/3.18a surface materials and floor coverings with low flame spread characteristics</p> <p>Luxboard A with USCG no. 164.112</p> <ul style="list-style-type: none"> Module B MEDB00006H8
		<p>Aluminum honeycomb core:</p> <ul style="list-style-type: none"> Item No: MED/3.13 non-flammable according to IMO FTP Code, Annex 1, part 1 USCG Approval No.: 164.109/EC0098/MEDB0003ZH-REV-1/MEDD000013Y
Architecture	DIN EN 13501-1	<p>A2-s1, do classification, non-combustibility</p> <ul style="list-style-type: none"> A2 – non-flammable s1 – no smoke development do – no flammable dripping/falling off
Rail vehicles	DIN EN 45545	<p>Meets requirement set R1, Hazard Level 3, suitable for:</p> <ul style="list-style-type: none"> all construction types in all operating conditions

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