

HDF 2012-2013

kronosspa

KRONOSPAN-MOFA Hungary Kft. has become one of the biggest and most modern producers of thin boards of Europe today.

The goal of our company with its products is to fully meet market requirements, the respective standards, as well as customer demands and needs. We produce, sell and distribute medium and high density boards of 2,0–6,0 mm thickness.

We aim to gain customer satisfaction with reliable, competitive products meeting high quality requirements. Our company holds FSC, PEFC and CARB certifications. To fulfill these ambitions, KRONOSPAN-MOFA Hungary Kft. is dedicated to improve the quality of its products continuously. Through exceptional control of production, including a focus on the environmental-friendliness of our products, our goal is to provide for a better quality of life with our products and our processes.

Our company is determined to increase the substance and quality of its products and services by several additional values (individual sizes, colour-matching, cutting-to size, drilling, folding, etc.).

RAW HDF

Characteristics of our raw HDF boards:

- homogenous surface,
- flatness and permanent dimension tolerances,
- constant, reliable quality,
- easy-to-handle surfaces

Fields of application:

- furniture production
- backboards
- frames, edges
- drawer bases
- packaging
- special applications
- sandwich panels



LACQUERED HDF

Besides raw boards KRONOSPAN-MOFA Hungary Kft. also produces and sells HDF boards with lacquer-finished surface. With the roll-lacquering technology we produce unicoloured (UNI) as well as wood-grained and fantasy patterned lacquered HDF boards of 25 cylinder-structures (for the cylinder portfolio please refer to Your Choice list) Our decors are made with up to 4 colour prints.

In 2012 we introduce 7 innovative express decors with 4 new cylinders, **Sonoma Oak, Italian Elm, Rigoletto Elm and New Oak.**

Characteristics of lacquered HDF boards:

- controlled high quality,
- wide selection of structures,
- production of custom colours,
- lacquering on both sides

Fields of application

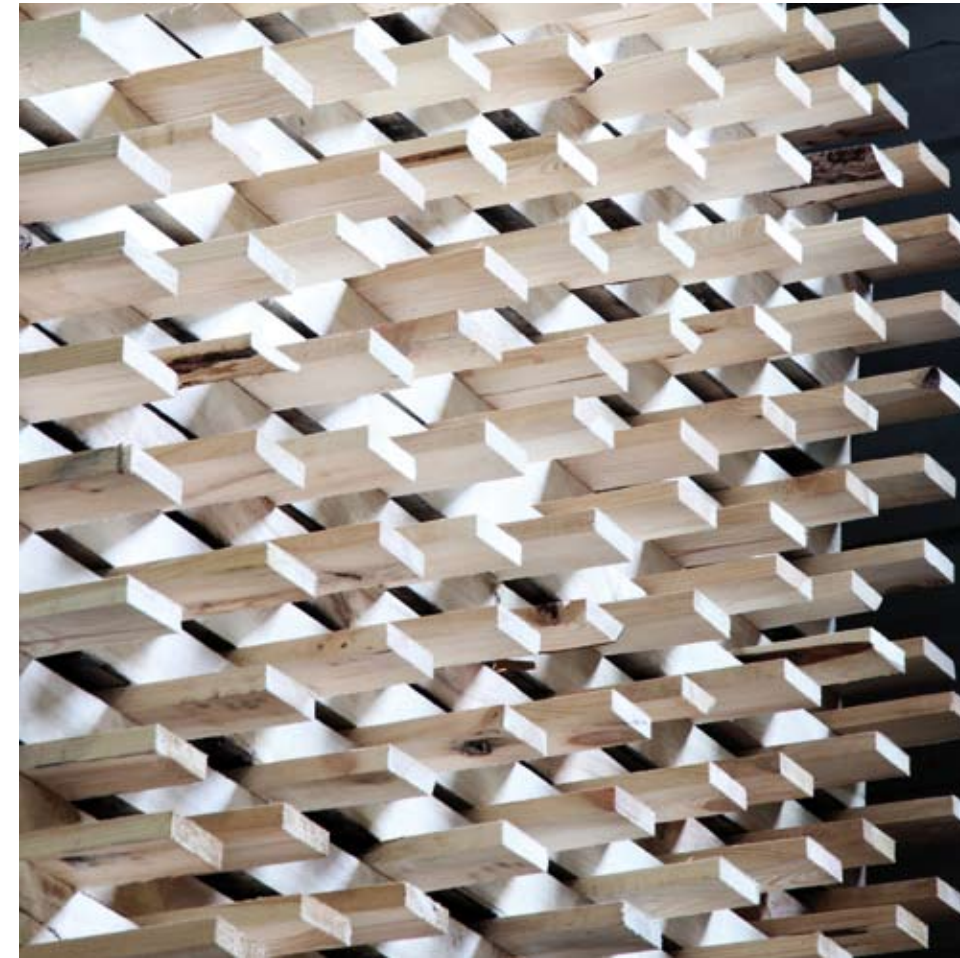
Lacquered HDF boards can be used in nearly every application for aesthetic surfaces. The main areas of application are: forming open or closed backboards of cabinet furniture, door production, shaping bases for cabinet or bed drawers.



YOUR CHOICE

We are dedicated to continuously widen our extent of services to satisfy customer demands. Our extra services on request:

- Customer dimensions:
 - length 2440 - 5600 mm
 - width for raw sale 1830 - 2130 mm
 - width lacquered 1830 or 2070 mm
- Special thicknesses 2,0 - 6,0 mm
- Customer specific decors and colours
With our lacquering technology and our present cylinders we are capable of producing premium quality lacquered surfaces in the colours and shades required by our customers.
- Minimum order quantity:
 - for special thickness or dimension each: 100 m³; to be delivered within 1 month
 - for special decor: 10.000 m²; to be delivered within 1 month
- Both sides lacquering
- Special qualities
 - DOOR - for door production
 - LAM - for lamination, veneering
- CARB certificate
- FSC certificate
- PEFC certificate
- Cut to size – no minimum order quantity
- Folding – folded back panels
- Drilling, drop-forging, edge cutting



• **Your Choice** from our cylinder structure portfolio:

1. **Sonoma Oak**
2. **New Oak**
3. **Italian Elm**
4. Oak
5. Modern Oak
6. Beech Type 1
7. Beech Type 2
8. Beech Type 3
9. Cherry Type 1
10. Cherry Type 2
11. Walnut Type 1
12. Walnut Type 2
13. Walnut – Noce M
14. Pine
15. Wenge
16. Maple – Alder
17. Anigree
18. Plum
19. Calvados
20. **Rigoletto Elm**
21. Textil
22. Wavy Striped
23. Swedish Striped
24. Leaf Type 1
25. Leaf Type 2



decors

190

diamond black

anthracite grey
164

101

brilliant white

Express products
are available on stock



decors



522
beige

514
ivory

grey
112

silver
881

Express products
are available on stock



cherry • 344

bavaria beech • 381

maple • 375

alder • 685

stained oak • 708

WOOD
decors

Express products
are available on stock



WOOD

decors

WOOD
decors



WOOD
decors

walnut • 729

calvados • 1792

natural oak • 740

wenge • 854

tavolato walnut • 3450

Express products
are available on stock



noce athens • 6424



vanilla grey delicato oak • 5502



sonoma oak • 8197



olmo tafira • 6606

NEW
decors



NEW
decors

Express products
are available on stock

FANTASY
decors



decors

FANTASY

rigoletto copper • 8417 • **NEW**

rigoletto bronze • 8312 • **NEW**

crossline caramel • 8362 • **NEW**

twist light • 8435

Express products
are available on stock



YOUR
choice

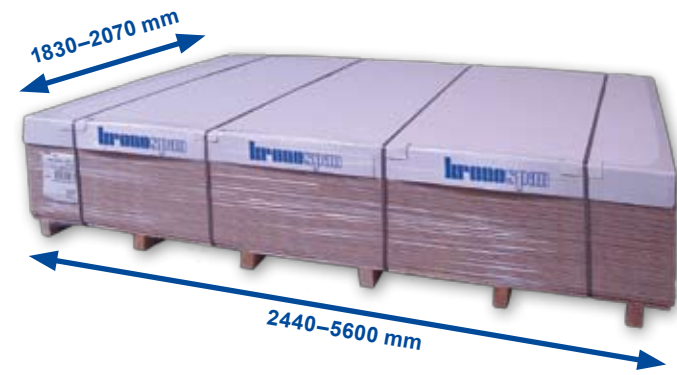
Unique products
on request

YOUR
choice



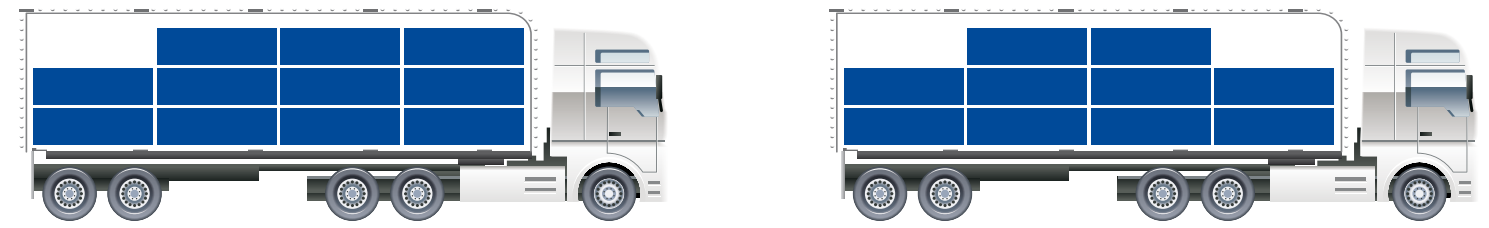
Dimensions:

- Thickness: 2,0–6,0 mm
- Length: ranging from 2440 mm to 5600 mm,
- Width raw: 1830–2130 mm
- Width lacquered: 1830 or 2070 mm



Raw HDF stock program

Thickness	Length	Width	Piece/pallet	Pallet/truck	Kg/pallet
2,5	2800	2070	175	11	2230
3,0	2800	1830	165	11	2230
3,0	2800	2070	160	10	2440
4,0	2800	2070	120	10	2440
5,0	2800	2070	95	10	2420
6,0	2800	2070	80	10	2440



The above weight data include the weight of the loading pallet.
 Attention! The values described above are calculated for 24 tons per truck! Where the 20-ton weight limitation is valid, the above pallet/truck values need to be reduced.

Quality parameters of HDF/MDF board

Parameter	Unit	Requirements			Standards
Thickness	mm	2,0–2,5	2,5–4,0	4,0–6,0	MSZ EN 324-1
Area weight	kg/m ²	2,4- 2,6	2,6 - 3,6	3,6 - 3,8	MSZ-EN 323
Density	kg/m ³	780- 860			MSZ-EN 323
Density tolerance	%	±7			MSZ-EN 323
Thickness tolerance	mm	±0,2			MSZ-EN 324-1
Length/width tolerance	mm/m	±2 (max.: ±5 mm)			MSZ-EN 324-1
Squareness tolerance	mm/m	max.: 2			MSZ-EN 324-2
Straightness	mm/m	max.: 1,5			MSZ-EN 324-2
Thickness swelling 24h	%	max.: 45	max.: 35	max.: 30	MSZ-EN 317
Bending strength	N/mm ²	min.: 23	min: 30		MSZ-EN 310
Modulus of elasticity	N/mm ²	-	min.: 3 000		MSZ-EN 310
Internal bond	N/mm ²	min.: 0,65			MSZ-EN 319
Surface soundness	N/mm ²	min: 1,0			MSZ-EN 311
Formaldehyde-content (Perforator value)	mg/100 g	≤8 (E1) or <5 (E-LE, Carb Phase 2)			MSZ-EN 120 (IOS - MAT - 0003)
Surface adsorption	mm	150-300			MSZ-EN 382-1
Moisture content*	%	3 - 6			MSZ-EN 322
Sand (grit) content	%	max.:0,05			MSZ ISO 3340

*Value may vary depending on storage conditions

Raw HDF/MDF products conform with EN 622-1, and EN 622-5 norm Table 3 – requirements for general purpose boards for use in dry conditions.

EXPRESS PROGRAMME

HDF lacquered and raw

Thickness (mm)	Board format	
	2800 x 1830	2800 x 2070
2,5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3,0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4,0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5,0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6,0	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Legend:

● Products are available in our Express collection on stock.

○ Made to order only

HDF lacquered				
	decor-n .	decor name	dimension (mm)	
			2800 x 2070	
			2,5	3,0
UNI	101	Brilliant White	●	●
	112	Grey	○	●
	164	Anthracite (new)	○	●
	190	Diamond Black	○	●
	514	Ivory	○	●
	522	Beige	○	●
	881	Silver	○	●
WOOD	344	Cherry	○	●
	375	Maple	○	●
	381	Bavaria Beech	○	●
	685	Alder	○	●
	708	Stained Oak	○	●
	729	Walnut	○	●
	740	Natural Oak	○	●
	854	Wenge	○	●
	1792	Calvados	○	●
	3450	Tavolato Walnut	○	●
	5502	Vanilla Grey Delicato Oak (new)	○	●
	6424	Noce Athens (new)	○	●
	6606	Olmo Tafira (new)	○	●
	8197	Sonoma Oak (new)	○	●
FANTASY	8312	Rigoletto Bronz (new)	○	●
	8362	Crossline Caramel (new)	○	●
	8417	Rigoletto Copper (new)	○	●
	8435	Twist Light	○	●

The printing process of this catalogue cannot reproduce exactly the subtle colours of our decors, review an actual sample before you make a purchase.



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