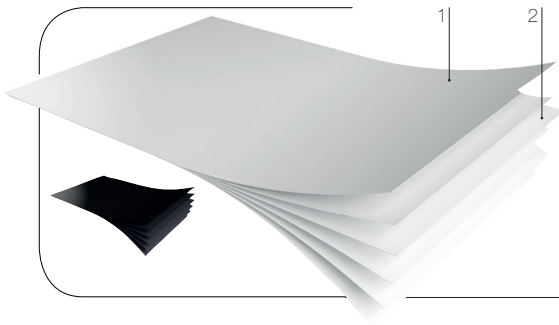


MONOCHROM Through-colour core HPL Laminate



- 1/ Decorative paper impregnated with melamine resin
- 2/ Cold White core, Warm White core or Extra Black matching core, composed of layers of kraft paper impregnated with thermosetting resin



Properties

- Mono-block effect, no visible join
- Non-porous surface
- 1.2 mm thickness
- Cold bendable (30 cm)
- Antibacterial Sanitized®*
- Suitable for food contact
- FSC®, PEFC™ & Greenguard eco-certification
- TOUCH Finish (Anti-finger print) : Minor scratches can be healed using a magic eraser or a damp cloth with an iron.**



moisture resistant



impact resistant



abrasion resistant



hygienic surface



colour fastness under artificial light



scratch resistance



heat resistance



ease of maintenance



resistant to cigarette burns



resistant to chemical and household products

Applications

- New constructions or renovations in existing spaces.
- Surfaces to be bonded to all wood substrates.
- Suitable for all sectors of activity: food service, hospitality, service, public buildings, health, housing, etc.
- Horizontal and vertical interior applications.
- May be cold bended, to create curved lines.
- Certificates available upon request.

Product Offer

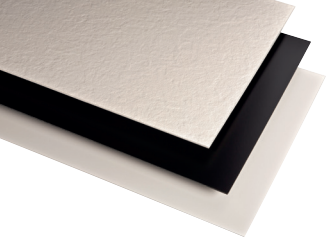
SIZE	307 x 132 cm				
CORE	Cold White		Warm White		Extra Black
GRADE	Standard				
THICKNESS	0,9 - 1,2 mm	1,2 mm	0,9 - 1,2 mm	1,2 mm	1,2 mm
FINISH	FA	EPIMAT ↑ - FUSION TOUCH	FA	BRI ↑ - BRIHG - ROCHE LEGNO - CUIR ↑	FA - BRI ↑ - BRIHG - EPIMAT ↑ - ROCHE LEGNO - FUSION - CUIR ↑ - TOUCH

↑ BRI, EPIMAT and CUIR finishes are vertical use recommended

* Excluding TOUCH only available in Standard grade

** If the damages are significant we can't guarantee a complete refurbishment but defects will be mitigated. The magic eraser should be used occasionally.

MONOCHROM® Through-colour core HPL Laminate



	CORE	Standard				Standard Whites
		Whites		Extra Black		
	FINISH	FA - ROC - TCH - FUS - LEG - BRIHG	EPM - CUI - BRI	FA - ROC - TCH - FUS - LEG - BRIHG - BRI	EPM - CUI	FA
	THICKNESS	1,2 mm		1,2 mm		0,9 mm
Conforms EN 438-9	CLASSIFICATION	BTS	BTS vert	HGS	VGS	BTS
CHARACTERISTICS	STANDARD	UNITS				

Physical and dimensional properties

Property	Standard	Units	Whites	Extra Black	Standard Whites
Density	EN ISO 1183-1	g/cm ³	≥ 1,40	≥ 1,35	≥ 1,40
Thickness tolerance	EN 438-2-5	mm	± 0,18	± 0,15	± 0,15
Length and width tolerance	EN 438-2-6	mm	- 0 / + 10	- 0 / + 10	- 0 / + 10
Straightness tolerance	EN 438-2-7	mm/m	≤ 1,5	≤ 1,5	≤ 1,5
Squareness tolerance	EN 438-2-8	mm/m	≤ 1,5	≤ 1,5	≤ 1,5
Flatness tolerance	EN 438-2-9	mm/m	100	60	100
Dimensional stability at high temperature - Longitudinal - Transverse	EN 438-2-17	%	≤ 0,80 ≤ 1,40	≤ 0,55 ≤ 1,05	≤ 0,80 ≤ 1,40

Mechanical properties

Property	Standard	Units	Whites	Extra Black	Standard Whites
Resistance to boiling water	EN 438-2-12	Class ^(a)	BRI(HG) : 3 / Others : 4	BRI(HG) : 3 / Others : 4	4
Impact resistance (small diameter ball)	EN 438-2-20	N	≥ 20	≥ 20	≥ 20
Minimum bending radius (convex and concave)		cm	30	30	30

Surface properties

Property	Standard	Units	Whites	Extra Black	Standard Whites
Surface defects - Spots - Linear	EN 438-2-4	mm ² /m ² mm/m ²	≤ 1 ≤ 10	≤ 1 ≤ 10	≤ 1 ≤ 10
Abrasion resistance (initial point)	EN 438-2-10	No. of revolutions	BRI ≥ 50 / EPM + CUI ≥ 100 / Others ≥ 150	BRI ≥ 50 / EPM + CUI ≥ 100 / Others ≥ 150	≥ 150
Resistance to steam	EN 438-2-14	Class ^(a)	BRI(HG) : 3 / Others : 4	BRI(HG) : 3 / Others : 4	4
Resistance to dry heat 180 °C	EN 438-2-16	Class ^(a)	BRI(HG) : 3 / Others : 4	BRI(HG) : 3 / Others : 4	4
Scratch resistance	EN 438-2-25	Grade ^(b)	BRI(HG) : 2 / TCH : 5 / Others : 3	BRI(HG) : 2 / TCH : 5 / Others : 3	3
Stain Resistance - Groups 1 & 2 - Group 3	EN 438-2-26	Class ^(a)	5 4	5 4	5 4
Colour fastness under artificial light	EN 438-2-27	Grayscale	4 to 5	4 to 5	4 to 5
Resistance to cigarette burns	EN 438-2-30	Class ^(a)	3	3	3

Fire performance

Property	Standard	M Classification	Whites	Extra Black	Standard Whites
Fire rating	NFP 92 501		TCH : M3 / Others : M2	M3	M3

Health and environmental characteristics

Property	Standard	Units	Whites	Extra Black	Standard Whites
Food safe	EN 13130-1		Yes	Yes	Yes
Formaldehyde emission	EN 717-2	Class	E1	E1	E1
Antibacterial properties	JIS Z 2801	Reduction in %	> 99,9	> 99,9	> 99,9
Volatile organic compounds (VOC) emission	ISO 16000-9	Class	A	A	A
	UL 2818	Class	Greenguard	Greenguard	Greenguard

BTS : Through-colour core standard grade HPL BTS vert : Vertical through-colour core standard grade HPL HGS : Horizontal Grade Standard VGS : Vertical Grade Standard

^(a) Class : 1 - Surface damage. 2 - Severe appearance alteration. 3 - Moderate change. 4 - Slight change visible from certain angles. 5 - No change.

^(b) Grade : 2 - Continuous scratches at 2N. 3 - Continuous scratches at 4N. 5 - Continuous scratches at 6N.