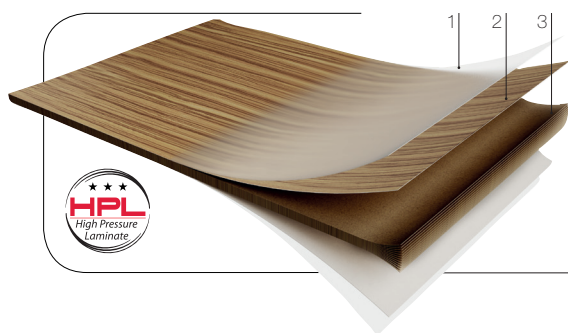


### REYSIPUR® Compact Solid Grade Laminate



- 1/ Protective overlay for printed decors.
- 2/ Decorative paper on both sides impregnated with melamine resin.
- 3/ Layers of kraft paper impregnated with phenolic resin.



#### Properties

- Self-supporting High Pressure Laminate (> 6mm).
- High impact and moisture resistant.
- Silver ion-treated, antibacterial Sanitized® grade.
- Machinable throughout its entire thickness.
- Decorative on both sides.
- Food safe (IANESCO approved).



crack resistant



impact resistant



abrasion resistant



moisture resistant



colour fastness under artificial light



scratch resistant



heat resistant



ease of maintenance



resistant to cigarette burns



resistant to chemical and household products

#### Applications

- Suitable for freestanding applications without supporting material, vertical (cubicles) as well as horizontal applications (desks).
- Rot proof material, ideal for humid environments (changing rooms, toilets).
- Meets the constraints of high-traffic public environments (schools, hospitals, etc) when used in wall covering or furniture applications.
- Ideal for environments where hygiene is key (health, education, etc).

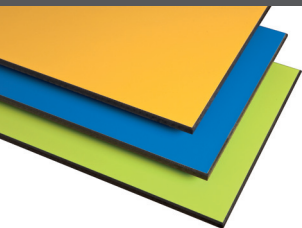
82 decors available for door applications in 215 x 97cm.

#### Product Offer

SIZE	215 × 97 cm	307 × 124 cm
FINISH	FA	
GRADE	Standard	4 - 6 - 8 - 10 - 12.5 mm
	Fire retardant	4 - 6 - 8 - 10 - 12.5 mm

Compact larger sheet sizes (260×205 cm and 366×151 cm) are available upon request, please contact us.

### REYSIPUR® Compact Solid Grade Laminate



Conforms EN 438-4

CHARACTERISTICS	GRADE		Standard	Fire retardant
	DECOR / FINISH		All decors - FA	
	THICKNESS		4 - 6 - 8 - 10 - 12.5 mm	
	CLASSIFICATION		CGS	CGF
STANDARD	UNITS			

#### Physical and dimensional properties

CHARACTERISTICS	STANDARD	UNITS	Standard	Fire retardant
Density	EN ISO 1183-1	g/cm <sup>3</sup>	≥ 1.35	≥ 1.35
Thickness tolerance	EN 438-2-5	mm	4 mm: ± 0.30 / 6 mm: ± 0.40 8 - 10 mm: ± 0.50 / 12.5 mm: ± 0.60	4 mm: ± 0.30 / 6 mm: ± 0.40 8 - 10 mm: ± 0.50 / 12.5 mm: ± 0.60
Length and width tolerance	EN 438-2-6	mm	- 0 / + 10	- 0 / + 10
Straightness tolerance	EN 438-2-7	mm/m	≤ 1.5	≤ 1.5
Squareness tolerance	EN 438-2-8	mm/m	≤ 1.5	≤ 1.5
Flatness tolerance	EN 438-2-9	mm/m	4 mm: ≤ 8.0 / 6-8 mm: ≤ 5.0 10-12.5 mm: ≤ 3.0	4 mm: ≤ 8.0 / 6-8 mm: ≤ 5.0 10-12.5 mm: ≤ 3.0
Dimensional stability at high temperature • Longitudinal • Transverse	EN 438-2-17	%	4mm : ≤ 0.40 / 6-8-10-12.5 mm: ≤ 0.30 4mm : ≤ 0.80 / 6-8-10-12.5 mm: ≤ 0.60	4mm : ≤ 0.40 / 6-8-10-12.5 mm: ≤ 0.30 4mm : ≤ 0.80 / 6-8-10-12.5 mm: ≤ 0.60

#### Mechanical properties

CHARACTERISTICS	STANDARD	UNITS	Standard	Fire retardant
Modulus of elasticity	ISO 178	MPa	≥ 9000	≥ 9000
Bending strength	ISO 178	MPa	≥ 80	≥ 80
Surface cohesion	ISO R527	MPa	≥ 60	≥ 60
Resistance to boiling water - Mass increase - Thickness increase - Appearance	EN 438-2-12	%  Class <sup>(a)</sup>	4 mm: ≤ 5 / 6-8-10-12.5 mm: ≤ 2 4 mm: ≤ 6 / 6-8-10-12.5 mm: ≤ 2 4	4 mm: ≤ 7 / 6-8-10-12.5 mm: ≤ 3 4 mm: ≤ 9 / 6-8-10-12.5 mm: ≤ 6 4
Impact resistance (large diameter ball) (drop height for ≤ 10mm diameter imprint)	EN 438-2-21	mm	4 mm ≥ 1400 6-8-10-12.5 mm ≥ 1800	4 mm ≥ 1400 6-8-10-12.5 mm ≥ 1800
Resistance to cracking	EN 438-2-24	Class <sup>(a)</sup>	4	4

#### Surface properties

CHARACTERISTICS	STANDARD	UNITS	Standard	Fire retardant
Surface defects - Spots - Linear	EN 438-2-4	mm <sup>2</sup> /m <sup>2</sup> mm/m <sup>2</sup>	≤ 1 ≤ 10	≤ 1 ≤ 10
Abrasion resistance (initial point)	EN 438-2-10	No. of revolutions	≥ 150	≥ 150
Resistance to steam	EN 438-2-14	Class <sup>(a)</sup>	4	4
Dry heat resistance 180 °C	EN 438-2-16	Class <sup>(a)</sup>	4	4
Resistance to humidity	EN 12721	Class <sup>(a)</sup>	4	4
Scratch resistance	EN 438-2-25	Grade <sup>(a)</sup>	3	3
Stain Resistance - Groups 1 & 2 - Group 3	EN 438-2-26	Class <sup>(a)</sup>	5 4	5 4
Colour fastness under artificial light	EN 438-2-27	Grayscale	4 to 5	4 to 5
Resistance to cigarette burns	EN 438-2-30	Class <sup>(a)</sup>	3	3

#### Fire performance

CHARACTERISTICS	STANDARD	UNITS	Standard	Fire retardant
Fire rating	EN 13501-1	Euroclass	< 8 mm: D, s2 - d0 / ≥ 8 mm: C, s1 - d0	≥ 6 mm: B, s1 - d0
Calorific value	EN ISO 1716	MJ/kg	18 - 20	18 - 20

#### Health and environmental characteristics

CHARACTERISTICS	STANDARD	UNITS	Standard	Fire retardant
Food safe	EN 13130-1		Yes	Yes
Formaldehyde emission	EN 717-2	Class	E1	E1
Volatile organic compounds (VOC) emission	ISO 16000-9	Class	A	A
Antibacterial properties	JIS Z 2801	Reduction in %	> 99.9	> 99.9

CGS : Standard Grade Compact. CGF : Fire retardant Grade Compact.

<sup>(a)</sup> Class : 1= Surface damage. 2= Severe appearance alteration. 3= Moderate change. 4= Slight change visible from certain angles. 5= No change.

<sup>(b)</sup> Grade: 2= Continuous scratches at 2N. 3= Continuous scratches at 4N.