



Technical Data Sheet

G-Line®

G-Line® compact laminate is produced with different colored layers within the laminate core.

It is used in the areas where a decorative edge is required particularly in tables and counters. Wide range of colours and different compositions give the architects and designers the flexibility of having exciting, innovative options.

EN Classification		CGS, CGF
EN 438-4	Thickness Range	3mm - 20mm
	Dimensions	1300x2800mm / 1300x3050mm / 1400x3660mm, other sizes upon request.


WATER
REPELLANT


DRY HEAT
RESISTANCE


SCRATCH &
ABRASION
RESISTANCE


LOW LIGHT
REFLECTIVITY


HEAT & COLD
RESISTANCE


EASY TO
CLEAN


ULTRA COLOR
INTENSITY


IMPACT
RESISTANCE


RESISTANCE TO
HOUSEHOLD
CHEMICAL

Characteristics	Test Method	Required Value
Thickness	EN 438-2 section 5	$2.0 \leq t < 3.0$ mm : ± 0.20 mm $3.0 \leq t < 5.0$ mm : ± 0.3 mm $5.0 \leq t < 8.0$ mm : ± 0.4 mm $8.0 \leq t \leq 12.0$ mm : ± 0.5 mm $12.0 \leq t < 16.0$ mm : ± 0.6 mm $16.0 \leq t < 20.0$ mm : ± 0.7 mm $20.0 \leq t < 25.0$ mm : ± 0.8 mm $25.0 \leq t$: According To Agreement customer / producer
Density	ISO 1183 - 1	Min. 1.35 gr/cm3
Wear Resistance	EN 438-2 section 10 CGS	Initial Point ≥ 150 Rev. Wear Value ≥ 350 Rev.
Scratch Resistance	EN 438-2 section 25 CGS	Flat Surface Min. 2 N Textured Surface Min. 3 N
Impact Resistance	EN 438-2 Big Ball section 21 CGS $2.0 \leq t < 6.0$ mm $t \geq 6.0$ mm	1400 mm height: no crack, 10 mm Max. 1800 mm height: no crack, 10 mm Max.
Surface Crack @ 80°C 20 Hours	EN 438-2 section 24 CGS	Min. level 4
Resistance to Dry Heat at 180°C	EN 438-2 section 16 CGS Glossy Surface Finish Other Surface Finish	Min. level 3 Min. level 4
Resistance to Water Vapor	EN 438-2 section 14 CGS Glossy Surface Finish Other Surface Finish	Min. Level 3 Min. Level 4
Resistance to Boiling Water	EN 438-2 section 12 CGS $2.0 \leq t < 5.0$ mm $t \geq 5.0$ mm Glossy Surface Finish Other Surface Finish	Max. 5% in weight Max. 6% in thickness Max. 2% in weight Max. 2% in thickness Min. Level 3 Min. Level 4
Resistance to Cigarette Burn	EN 438-2 section 30 CGS	Min. Level 3

Characteristics	Test Method	Required Value
Resistance to Staining	EN 438-2 section 26 CGS Group 1 + 2 Group 3	Min. level 5 Min. level 4
Flatness	EN 438-2 section 9 CGS $2.0 \leq t < 6.0$ mm $6.0 \leq t < 10.0$ mm $t \geq 10.0$ mm	Max. 8 mm / 1 M length Max. 5 mm / 1 M length Max. 3 mm / 1 M length
Light fastness	EN 438-2 section 27 CGS Grey Scale	Min. level 4
High Temp. stability 70°C	EN 438-2 section 17 CGS $2.0 \leq t < 5.0$ mm $t \geq 5.0$ mm	L : Max. 0.4 mm W : Max. 0.8 mm L : Max. 0.3 mm W : Max. 0.6 mm
Tensile Strength	EN ISO 527 – 2 CGS	Min. 60 MPa
Bending Strength	EN ISO 178 CGS	Min. 80 MPa

Remarks :

@ CGS = Compact Grade Standard Laminate

@ Required Values Based on 438-4