



Technical Data Sheet

G-Form®

G-Form® is a revolutionary new compact grade laminate technology which allows the user to form the full thickness of the compact sheet.

It combines the practicality and wear resistance of standard compact grade by integrating the aesthetic benefits of allowing curves and shapes to be formed. Forming process is done by a few leading companies around the world who has the technology of bending compact laminates.

EN Classification		CGS, CGF
EN 438 4	Thickness Range	4 mm - 6 mm - 8 mm - 10 mm other thicknesses upon request

Dimensions

					L 15x15 // 300cm			
a	b	c	Thickness	Length (max)	a	b	Thickness	Length (max)
150mm	620mm	200mm	10mm	3000mm	150mm	150mm	8mm	3000mm
					L 30x30 // 200cm			
a	b	c	Thickness	Length (max)	a	b	Thickness	Length (max)
150mm	620mm	300mm	10mm	3000mm	300mm	300mm	8mm	2000mm

SCRATCH & ABRASION RESISTANCE

LOW LIGHT REFLECTIVITY

HEAT & COLD RESISTANCE

EASY TO CLEAN

ULTRA COLOR INTENSITY

IMPACT RESISTANCE

RESISTANCE TO HOUSEHOLD CHEMICAL

General :

Gentas G-Form laminates can be produced in 2 types :

- 1) Formed compact laminate according to the customer need (See attached technical information) Done in Mengen Bolu .
- 2) Flat G – Form Laminate ready to be formed - For technical information please contact domestic international marketing Dep.

Gentas G-Form laminates are produced according to EN 438 with a special core structure that enable the Unique characteristics Of the formed and flat laminates together with the benefits of a compact laminate .

Thickness available :

3 , 4 , 6 , 8 , 10 , 12 mm

Size of formed laminates (G – Form Laminate) :

Max. 1300 x 2800 mm or according to customer specification (See Attached specification form)
Any other size upon request !

Size of ready to be formed laminates (Flat G - Form laminate) :

Max. 1300 x 3000 mm or according to customer specification (See Attached specification form)
Any other size upon request !

Decors :

All decors types (printed and plain color) from Gentas collection
Always identical on both sides

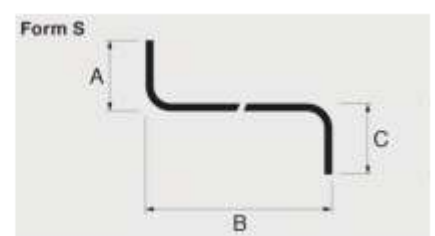
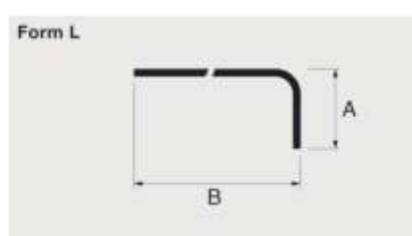
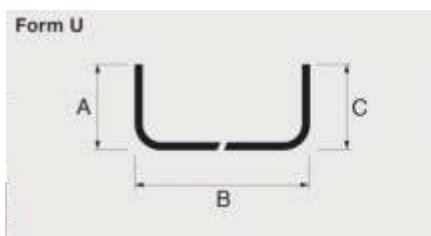
Core :

Black , Brown
Colored Stripes – Upon request .

Surface finish :

Vellur , Veneer , Quartz , Grain , Ceramic , Wood 1 , Italian Stone , Oluklu .

Forming Shape :



Banding Radius (Inner in mm) :

3 , 4 , 6 mm : Minimum R15
8 , 10 , 12 mm : Minimum R20

Specification Form :

The following specification form has to be send to Gentas A.S. for Confirmation :

Number Of Laminates	Décor	Surface Finish	Thickness (mm)	Interior Banding Radius (mm)	Form Shape Type	Part	A	B	C	Remarks

Characteristics	Test Method	Required Value
Density	ISO 1183 - 1	$1.4 \pm 0.5 \text{ gr/cm}^3$
Wear Resistance	EN 438-2 section 10 CGS	Initial Point ≥ 150 Rev. Wear Value ≥ 350 Rev.
Scratch Resistance	EN 438-2 section 25 CGS	Min. 3N
Thickness	EN 438-2 section 5	$3.0 \leq t \leq 4.0 \text{ mm} : \pm 0.50 \text{ mm}$ $6.0 \leq t \leq 7.9 \text{ mm} : \pm 0.6 \text{ mm}$ $t \geq 8.0 \text{ mm} : \text{According To Agreement customer / producer}$
Impact Resistance	EN 438-2 Big Ball section 21 CGS $3.0 \leq t \leq 5.9 \text{ mm}$ $t \geq 6.0 \text{ mm}$	1400 mm height: no crack, 50 mm Max. 1800 mm height: no crack, 50 mm Max.
Resistance to Staining	EN 438-2 section 26 CGS Group 1 + 2 Group 3	Min. level 5 Min. level 4
Tensile Strength	EN ISO 527 – 2 CGS	Min. 60 MPa
Bending Strength	EN ISO 178 CGS	Min. 80 Mpa
Rigidity	—	-15°C - +35°C in constant temperature
Flatness	EN 438-2 section 9 CGS S Type Shape L Type Shape U Type Shape	Max. 2.2 mm / Running Meter Max. 1.2 mm / Running Meter Max. 2.2 mm / Running Meter