



Technical Data Sheet

G-Crea®

G-Crea® is a hand crafted laminate by customising different colours of paper, aluminium foil and veneers to produce truly unique designs with all the advantages of high pressure laminates.

This product of Gentas can be combined with the full range of colour and pattern options. The designs can be tailor made according to design requirements of the individual user.

G-Crea® which is currently very popular, especially in the door industry, has a great functionality in many decoration fields including tables and featured panels.

EN Classification		VGS, HGS, CGS
EN 438 - 3-4	Thickness Range	0,6mm - 20mm
	Dimensions	1300x3050mm, other dimensions 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	$0.5 \leq t \leq 1.0 \text{ mm} : \pm 0.10 \text{ mm}$ $1.0 < t < 2.0 \text{ mm} : \pm 0.15 \text{ mm}$
Density	ISO 1183 - 1	Min. 1.35 gr/cm ³
Scratch Resistance	EN 438-2 section 25 VGS , VGF HGS , HGF	Min. 2 N Min. 3 N
Impact Resistance	EN 438-2 Small Ball section 20 VGS , VGF HGS , HGF Big Ball section 21 VGS , VGF HGS , HGF	Min. 15 N Min. 20 N Drop Height Min 600 mm Indent Diameter Max 10 mm Drop Height Min 800 mm Indent Diameter Max 10 mm
Crack Resistance	EN 438-2 section 23 HGS , HGF , VGS , VGF	Min. 4 N
Resistance to Dry Heat at 180°C	EN 438-2 section 16 HGS , HGF , VGS , VGF	Min. level 4
Resistance to Water Vapor	EN 438-2 section 14 HGS , HGF , VGS , VGF	Min. Level 4
Resistance to Boiling Water	EN 438-2 section 12 HGS , HGF , VGS , VGF	Min. Level 4
Resistance to Cigarette Burn	EN 438-2 section 30 HGS , HGF , VGS , VGF	Min. Level 3
Resistance to Staining	EN 438-2 section 26 HGS , HGF , VGS , VGF Group 1 + 2 Group 3	Min. level 5 Min. level 4
Flatness	EN 438-2 section 9 HGS , HGF , VGS , VGF	Max. 60 mm / 1 M length

Remarks :

- @ HGS = Horizontal Grade Standard Laminate
- @ HGF = Horizontal Grade Flame Retardant Laminate
- @ VGS = Vertical Grade Standard Laminate
- @ VGF = Vertical Grade Flame Retardant Laminate