

Article number:

CGF: 61011, 61031, 61241, 61401, 61271;
CGS: 61041, 61071, 61121, 61131, 61301, 61801, 61821,
62011, 62051, 62071, 62081, 62251, 62271, 62281, 62701,
62702

Technical Data Sheet

PRODUCT DESCRIPTION:

High-pressure decorative laminates. They feature an attractive and aesthetic appearance, high mechanical strength, durability and resistance to impact, abrasion and scratch, good dimensional stability, resistance to water, steam, hot and cold temperatures, do not corrode.

Available in dimensions:

- thickness: 2-13 [mm],
- size: 2800 x 1860 [mm], 3050 x 1300 [mm], 4200 x 1300 [mm].
- Other dimensions available on request.

APPLICATION:

As an independent structure in the construction industry, shipbuilding and railway rolling stock. They are used as: wall cladding, partitions doors, cubicles, locker, kitchen worktops, laboratory bench tops, doors, cabinets, lifts and various self-supporting components in construction marine and transport industries.

STORAGE:

Compact boards should be stored in a dry and roofed place, at temperatures of 15-25°C, relative humidity of 50%, min. 1,5m distance to source of heat. Keeping in humid conditions with water on the surface might lead to bending Compact boards what should be avoided.

It is recommended to store in the original Kronospan packaging, on pallets. In the case of foiled boards, the foil should be removed immediately after assembly.

Article number:

CGF: 61011, 61031, 61241, 61401, 61271;
CGS: 61041, 61071, 61121, 61131, 61301, 61801, 61821,
62011, 62051, 62071, 62081, 62251, 62271, 62281, 62701,
62702

Technical Data Sheet

PROPERTIES:

Parameter	Unit	Standard	Requirements
Thickness	mm	438-2.5	2,0 ≤ t < 3,0 ± 0,20 3,0 ≤ t < 5,0 ± 0,30 5,0 ≤ t < 8,0 ± 0,40 8,0 ≤ t < 12,0 ± 0,50 12,0 ≤ t < 16,0 ± 0,60 16,0 ≤ t < 20,0 ± 0,70 20,0 ≤ t < 25,0 ± 0,80
Length	mm	438-2.6	+10/ -0
Width	mm	438-2.6	+10/ -0
Flatness	mm/m	438-2.9	2,0 ≤ t < 6,0 ≤ 8,0 6,0 ≤ t < 10,0 ≤ 5,0 t ≥ 10,0 ≤ 3,0
Straightness of edges	mm/m	438-2.7	≤ 1,5
Squareness	mm/m	438-2.8	≤ 1,5
Resistance to surface wear	IP (rpm)	438-2.10	≥ 150
Resistance to impact with large diameter ball	Drop height, [mm]	438-2.21	2,0 ≤ t < 6,0 ≥ 1400 t ≥ 6,0 ≥ 1800
Scratch resistance	Appearance, grade	438-2.25	Smooth finishes ≥ 2 Textured finishes ≥ 3
Dry heat resistance	Appearance, grade	438-2.16	SQ finish ≥ 3 Other finishes ≥ 4
Light fastness (Xenen arc)	Contrast, Grey scale rating	438-2.27	4 - 5
Resistance to immersion in boiling water	Mass gain [%]	438-2.12	CGS: 2,0 ≤ t < 5,0 ≤ 5 t ≥ 5,0 ≤ 2 CGF: 2,0 ≤ t < 5,0 ≤ 7 t ≥ 5,0 ≤ 3
	Thickness gain [%]		CGS: 2,0 ≤ t < 5,0 ≤ 6 t ≥ 5,0 ≤ 2 CGF: 2,0 ≤ t < 5,0 ≤ 9 t ≥ 5,0 ≤ 6
	Appearance, surface rating		SQ finish ≥ 3 Other finishes ≥ 4
	Appearance, edge rating		≥ 3
Resistance to staining	Group 1 i 2, grade	438-2.26	≥ 5
	Group 3, grade		≥ 4
Resistance to water vapour	Appearance, grade	438-2.14	SQ finish ≥ 3 Other finishes ≥ 4
Resistance to cigarette burns	Appearance, grade	438-2.30	≥ 3
Resistance to crazing	Appearance, grade	438-2.24	≥ 4
Flexural modulus	[MPa]	EN ISO 178	≥ 9000
Flexural strength	Stress, [MPa]	EN ISO 178	≥ 80
Tensile strength	Stress, [MPa]	EN ISO 527-2	≥ 60
Density	[g/cm ³]	EN ISO 1183-1	≥ 1,35
Fire class	Classification	EN 13501-1	CGS: C-s1, d0 CGF: B-s2, d0

t – nominal thickness

Additional information:

The contents of this document are for informational purposes only. Possible mistakes are possible. Customers and third parties are obliged to obtain information about Kronospan products and their usage. We strongly recommend the recipient or user of our products to obtain expert advice regarding compliance with local planning, application requirements, standards, norms etc. Kronospan does not accept any warranties for claims relating to this document.

Prepared: M. Szabłowska
Date: 15.01.2018

Checked: T. Tabor
Date: 15.01.2018

Approved: R. Doering
Date: 15.01.2018