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CGS: 61081

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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: 12,5 mm,
 - size: 2800x2040 [mm].
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APPLICATION:

Compact HPL board can be used as an independent structure in the construction industry.

Construction board for indoor vertical use.

Typical usage:

- Shop fittings
 - DIY applications (indoor)
 - Interior wall covers, partitional walls, bookshelves, school and office furnitures
 - Wall cladding, cubicles, locker, doors, cabinets.
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STORAGE:

Compact boards should be stored in a dry and roofed placing, 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.

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PROPERTIES:

Parameter	Unit	Standard	Requirements
Thickness	mm	438-2.5	12,5 ± 0,6
Length	mm	438-2.6	+10/ - 0
Width	mm	438-2.6	+10/ - 0
Flatness	mm/m	438-2.9	≤ 3
Straightness of edges	mm/m	438-2.7	≤ 1,5
Squareness	mm/m	438-2.8	≤ 1,5
Resistance to impact with large diameter ball	Drop height, [mm]	438-2.21	≥1800
Resistance to immersion in boiling water	Mass gain [%]	438-2.12	≤ 2
	Thickness gain [%]		≤ 2
	Appearance, surface rating		Mat finishes ≥4
Resistance to water vapour	Appearance, grade	438-2.14	Mat finishes ≥ 4
Resistance to crazing	Appearance, grade	438-2.24	≥ 4
Flexural modulus	Stress, [MPa]	EN ISO 178:2003	≥ 9000
Flexural strength	Stress, [MPa]	EN ISO 178:2003	≥ 80
Tensile strength	Stress, [MPa]	EN ISO 527-2:1996	≥ 60
Density	[g/cm ³]	EN ISO 1183-1:2004	≥ 1,35

Additional information:

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