

Article number: EDF – 61671, 61691

Technical Data Sheet

PRODUCT DESCRIPTION:

High-pressure decorative laminates with enhanced fire resistance, designed for outdoor use in moderate and heavy conditions, exposed to direct sunlight, rain and frost. They feature an attractive and aesthetic appearance, high tensile strength, impact, thermal shock, weather and corrosion. For technological reasons, it is recommended to trim the factory edge by a minimum of 5 mm before assembly.

Available in dimensions:

- thickness: 6, 8, 10 [mm],
- size: 2800 x 2040 [mm], 3050 x 1300 [mm], 4200 x 1300 [mm], 5600 x 2040 [mm].
- Other dimensions available on request.

APPLICATION:

- Building industry - elevations
- Built-up of a free spaces, partitions, cubicles, wall cladding
- Balconies

STORAGE:

KronoArt 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 KronoArt 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 before assembly.

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PROPERTIES:

Parameter	Unit	Standard	Requirements
Thickness	mm	438-2.5	$6,0 \leq t < 8,0 \pm 0,40$ $8,0 \leq t < 12,0 \pm 0,50$ $12,0 \leq t < 13,0 \pm 0,60$
Length	mm	438-2.6	+10/ - 0
Width	mm	438-2.6	+10/ - 0
Flatness	mm/m	438-2.9	$2,0 \leq t < 6,0 \leq 8,0$ $6,0 \leq t < 10,0 \leq 5,0$ $t \geq 10,0 \leq 3,0$
Straightness of edges	mm/m	438-2.7	$\leq 1,5$
Squarerness	mm/m	438-2.8	$\leq 1,5$
Resistance to aging in artificial conditions, including UV	Grey scale rating	438-2.29	≥ 3 (3000h)
	Appearance, grade		≥ 4 (3000h)
Resistance to impact with large diameter ball	Drop height, [mm]	438-2.21	$2,0 \leq t < 6,0 \geq 1400$ $t \geq 6,0 \geq 1800$
Resistance to wet conditions	Mass gain [%]	438-2.15	$2,0 \leq t < 5,0 \leq 10$ $t \geq 5,0 \leq 8$
	Appearance, surface rating		≥ 4
	Appearance, edge rating		≥ 3
Dimensional stability at elevated temperature	Cumulative dimensional change, [%]	438-2.17	$2,0 \leq t < 5,0 \quad 0,40/0,80$ $t \geq 5,0 \quad 0,30/0,60$
Flexural modulus	[MPa]	EN ISO 178	≥ 9000
Flexural strength	[MPa]	EN ISO 178	≥ 80
Tensile strength	[MPa]	EN ISO 527-2	≥ 60
Density	[g/cm ³]	EN ISO 1183-1	$\geq 1,35$
Fire class	Classification	EN 13501-1	B-s1, d0

t – nominal thickness

Additional information:

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