

VGS – 60611, 60721, 60751, 62611, 62761, 62771, 60111,  
62581, 62591, 62601, 62651, 60115, 60615, 62774,  
62604, 62614, 62691, 62654  
VGF – 60711, 60641, 60151  
VGP – 60141, 60631, 60761, 62631, 62641, 62661, 60671,  
60821, 60781, 60791, 62634, 62644, 62664, 62694, 62697

**Article number:**

**Technical Data Sheet**

**PROPERTIES:**

Parameter	Unit	Standard	Requirements
Thickness	mm	438-2.5	$0,5 \leq t \leq 1,0 \pm 0,1$ $1,0 < t < 2,0 \pm 0,15$
Length	mm	438-2.6	+10/ -0
Width	mm	438-2.6	+10/ -0
Flatness	mm/m	438-2.9	$\leq 60$
Straightness of edges	mm/m	438-2.7	$\leq 1,5$
Squarerness	mm/m	438-2.8	$\leq 1,5$
Resistance to surface abrasion	IP (rpm)	438-2.10	$\geq 35$
Resistance to impact with large diameter ball	Drop height, [mm]	438-2.21	$\geq 600$
Scratch resistance	Appearance, grade	438-2.25	Smooth finishes $\geq 1$ Textured finishes $\geq 2$
Dry heat resistance	Appearance, grade	438-2.16	SQ finish $\geq 2$ Other finishes $\geq 3$
Resistance to immersion in boiling water	Appearance, grade	438-2.12	SQ finish $\geq 2$ Other finishes $\geq 3$
Resistance to staining	Group 1 i 2, grade	438-2.26	$\geq 4$
	Group 3, grade		$\geq 4$
Resistance to water vapour	Appearance, grade	438-2.14	SQ finish $\geq 2$ Other finishes $\geq 3$
Resistance to cigarette burns	Appearance, grade	438-2.30	$\geq 3$
Postformability, VGP only	Radius, [mm] Transversal direction	438-2.31-32	$\leq 10 \times t$
	Radius, [mm] Parallel direction		$\leq 20 \times t$
Density	[g/cm <sup>3</sup> ]	EN ISO 1183-1:2004	$\geq 1,35$
Fire reaction	Classification	EN 13501-1	VGF: B-s1, d0 VGS, VGP: C-s1, d0

t – grubość nominalna

**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.

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Date: 15.01.2018

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Date: 15.01.2018

Approved: R. Döehring  
Date: 15.01.2018

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**Technical Data Sheet****PRODUCT DESCRIPTION:**

High pressure decorative laminates intended for connection to a support substrate in order to obtain composite products, a attractive aesthetic appearance, the average surface abrasion resistance, impact and scratch resistance to moisture, heat, cold and staining, have good dimensional stability, do not corrode.

Available in dimensions: thickness 0,2 – 2,0 [mm],  
length 1850 - 5500 [mm],  
width 1300, 1320, 1400 [mm].

**APPLICATION:**

For the production of horizontal surfaces with low intensity of usage e.g. fronts in the kitchen, office and bathroom furniture, wall finishes, ceilings and furniture components.

**STORAGE:**

Laminates should be stored in a dry and roofed placing, at temperatures of 15-25°C, relative humidity of 50%, min. 1,5 m distance to source of heat. It is recommended to store in the original Kronospan packaging, on pallets. In the case of foiled laminates, the foil should be removed immediately after assembly.

Shelf life 6 months from date of manufacture.