

Article number:

HGS – 60115, 60611, 60615, 60641,
60721, 60751, 62611, 62761, 62771
HGF
HGP – 60631, 60761, 60781, 60791,
62631, 62634, 62641, 62661, 62711,
62721, 62731

Technical Data Sheet

PRODUCT DESCRIPTION:

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

Type HGS to general purpose.

Type HGF to general purpose, with flame retardant.

Type HGP to general purpose, destined to re-form.

exposure, strong sunlight and atmospheric conditions.

Available in dimensions: thickness 0.2 – 0.9 mm

length 1850 - 5500 mm,

width 1300, 1320, 1400 mm

and HPL SQ finish 3050 x 1300 mm

APPLICATION:

Designed for finishing of the kitchen and office working surfaces, tables in restaurant and hotel, trim and doors, partitions on public transport, doors and walls coverings in public areas, interior walls of public transport vehicles.

STORAGE:

The boards should be stored in a dry and covered stock conditions at temperatures 15 - 25 °C, relative humidity of 50%, avoiding direct exposure to UV radiation, minimum distance 1.5 m away from sources of heat (radiators). Sheets stored in its original manufacturer's packaging, on pallets. In case when the boards are protected by plastic film the covering shall be removed immediately after installation.

Shelf life 6 months from date of manufacture.

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PROPERTIES:

Parameter	Unit	Standard	Requirements
Thickness	mm	438-2.5	0,5 - 2,0 ± (0,1-0,15)
Length	mm	438-2.6	+10/ - 0
Width	mm	438-2.6	+10/ - 0
Flatness	mm/m	438-2.9	≤ 60
Straightness of edges	mm/m	438-2.7	≤ 1,5
Squareness	mm/m	438-2.8	≤ 1,5
Resistabce to surface abrasion	IP (rpm)	438-2.10	≥ 150
	Value (rpm)		≥ 350
Resistance to impact with large diameter ball	Drop height, [mm]	438-2.21	≥ 800
Scratch resistance	Appearance, grade	438-2.25	≥ 3
Dry heat resistance	Appearance, grade	438-2.16	≥ 4
Resistance to immersion in boiling water	Appearance, grade	438-2.12	≥ 4
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	≥ 4
Resistance to cigarette burns	Appearance, grade	438-2.30	≥ 3
Postformability, Only HGP type	Radius, [mm] Transversal direction	438-2.31-32	≤ 10 x t
	Radius, [mm] Parallel direction		≤ 20 x t
Density	[g/cm ³]	EN ISO 1183-1:2004	≥ 1,35
Fire reaction	Classification	EN 13501-1	Min. D-s2, d0

t – nominal thickness

Note:

This Product Data Sheet has been prepared based on standard EN 438 and reflects the current state of knowledge and experience. The information contained herein are indicative and may vary depending on the storage and use condition.