

CHPL laminates are produced in sheets, they are made by a decorative paper impregnated with melamine resin with plastic characteristics and a special backing of kraft paper impregnated with special thermosetting resins. CHPL laminates are available in the following types (definitions according standard EN 438-1):

**VGS** (Vertical Grade Standard) recommended for vertical use, standard thickness di 0,8 mm.


**VGP** (Vertical Grade Postforming) recommended for vertical use, standard thickness di 0,6 mm.

**HGS** (Horizontal Grade Standard) recommended for vertical use, standard thickness di 0,8 mm.

**HGP** (Horizontal Grade Postforming) recommended for vertical use, standard thickness di 0,6 mm.

Sizes: length 1310mm, width from 2440 to 5600mm

Embossing: Matt or structured

 <b>TECHNICAL CHARACTERISTICS</b>		VGS	VGP	HGS	HGP
		0,80mm +/-0,10mm	0,60mm +/-0,10mm	0,80mm +/-0,10mm	0,60mm +/-0,10mm
THICKNESS					
WEAR RESISTANCE	EN 438/2-10	≥ Level 2 IP≥50 WP≥150	≥ Level 2 IP≥50 WP≥150	≥ Level 3 IP≥150 WP≥350	≥ Level 3 IP≥150 WP≥350
RESISTANCE TO WATER STEAM	EN 438/2-14	≥ Level 4	≥ Level 4	≥ Level 4	≥ Level 4
RESISTANCE TO DRY HEAT	EN 438/2-16	≥ Level 4	≥ Level 4	≥ Level 4	≥ Level 4
RESISTANCE TO SCRATCHES	EN 438/2-25	≥ Level 3 ≥ 4N	≥ Level 3 ≥ 4N	≥ Level 3 ≥ 4N	≥ Level 3 ≥ 4N
RESISTANCE TO STAINS	EN 438/2-26	Groups 1,2 =5 Group 3 ≥4	Groups 1,2 =5 Group 3 ≥4	Groups 1,2 =5 Group 3 ≥4	Groups 1,2 =5 Group 3 ≥4
LIGHT RESISTANCE	EN 438/2-27	≥ 6 blue wool scale	≥ 6 blue wool scale	≥ 6 blue wool scale	≥ 6 blue wool scale
FORMABILITY Method A	EN 438/2-32	-	R ≤ 10 x nominal thickness	-	R ≤ 10 x nominal thickness
RESISTANCE TO BLISTERING	EN 438/2-34	≥ 15"	≥ 15"	≥ 15"	≥ 15"
FORMALDHEYDE EMISSION	EN 717-2	≤ 3,5 mg/hm <sup>2</sup>	≤ 3,5 mg/hm <sup>2</sup>	≤ 3,5 mg/hm <sup>2</sup>	≤ 3,5 mg/hm <sup>2</sup>

**CLEAF**

thermo / structured / surface

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## TECHNICAL DATA SHEET CHPL LAMINATES



### ON REQUEST

CHPL FSC CERTIFIED  
FSC CW ICILA-CW-000343



### STORAGE AND HANDLING

Keep the goods in a dry and ventilated place (relative humidity 35%-65%). Do not store with easily inflammable substances. If exposed to ultraviolet rays of the sun the laminate may deteriorate. Avoid creating unmanageably high and unstable stacks. To avoid warping or damp stains place the panels on pallets with suitable spaces. Use suction pads or gloves when handling the laminates. Machinery and equipments must be fitted with appropriate aspiration devices.



### CLEANING AND CARE

The melamine surfaces are the most resistant among the ones used in the furniture field. For cleaning use common detergent for domestic surfaces. It is suggested to avoid using of spray products directly on the surface as this can leave halos; it is preferred to apply the detergent on a soft damp cloth, clean and then rinse it. Avoid to use abrasive products, bleach or highly chlorate matters, acids.