

## TECHNICAL DATA SHEET CHPL LAMINATES

CHPL laminates are produced in sheets and made of a decorative paper, impregnated with melamine resin. It has plastic properties and it is supported by kraft paper, impregnated with special thermosetting resins. CHPL laminates are available in the following types (specifications in accordance with Standard EN 438-1):

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

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


**HGS** (Horizontal Grade Standard) recommended for horizontal use. Standard thickness: 0,8 mm.

**HGP** (Horizontal Grade Postforming) recommended for horizontal use. Standard thickness: 0,6 mm.

Size: Width: 1310mm; Length: from 2440 to 5600mm

Finish: Matt, semi matt or gloss

Texture: Flat or textured

 <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					
RESISTANCE TO ABRASION	EN 438/2-10	≥ Level 2 IP <sub>≥50</sub> WP <sub>≥150</sub>	≥ Level 2 IP <sub>≥50</sub> WP <sub>≥150</sub>	≥ Level 3 IP <sub>≥150</sub> WP <sub>≥350</sub>	≥ Level 3 IP <sub>≥150</sub> WP <sub>≥350</sub>
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
RESISTANCE TO LIGHT	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"
FORMALDEHYDE 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>

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**CHPL LAMINATES****ON REQUEST**CHPL FSC CERTIFIED  
FSC CW ICILA-CW-000343**STORAGE AND HANDLING**

Goods must be stored in a dry and ventilated place (relative air humidity 35%-65%). Do not store with inflammable substances. If exposed to direct sunlight, the laminate may deteriorate. Stacks should be stored correctly, at a manageable height to ensure stability. To avoid warping or damp stains, place the panels on pallets with adequate spaces. When handling the laminates, use suction pads or gloves. Machinery and equipment must be fitted with suitable aspiration systems.

**CLEANING & MAINTENANCE**

The melamine surfaces are the most resistant among those used in the furniture field. For cleaning, it is preferable to choose a detergent for domestic use. It is recommended that you avoid spraying products directly onto the surface, as this may leave stains and marks; instead, it is preferable to apply the detergent product on a soft damp cloth, clean the surface and then rinse it. Avoid using abrasive products, bleach or highly chlorinated products or acids.