

# CLEAF CPL LAMINATE

Continuous Pressed Laminate (CPL) is a high-strength, post-formable decorative laminate recommended for vertical applications.

CPL is produced in rolls and consists of a melamine resin impregnated décor supported by vegetable parchment or non-woven. It has remarkable flexibility characteristics (heating process) and is able to meet a variety of technical, aesthetic and thickness requirements.

Available in several texture and décor combinations.

Upon request, HPL laminate is supplied with FSC® Mix Credit claim.



## TECHNICAL CHARACTERISTICS<sup>a</sup>

SIZES	Rolls in width:	
	<ul style="list-style-type: none"> <li>• 1.300mm or</li> <li>• 1.000mm (only for selected combinations of décor and texture)</li> </ul>	
THICKNESS TOLERANCE	UNI 11771-2	<0,3 mm: +/- 0,05 mm    ≥0,3 mm: +/- 0,10 mm
WIDTH TOLERANCE	UNI 11771-2	Nominal +10mm/-0mm
RESISTANCE TO IMMERSION IN BOILING WATER	UNI 11771-2	Rating ≥3 <sup>b</sup>
RESISTANCE TO DRY HEAT	UNI 11771-2	Rating ≥ 3
RESISTANCE TO WET HEAT	UNI 11771-2	Rating ≥ 3 <sup>b</sup>
RESISTANCE TO COLD LIQUIDS	UNI EN 12720	Class C (UNI/CEN TS 16209)
DETERMINATION OF SURFACE TENDENCY TO RETAIN DIRT	UNI 9300	Rating ≥ 3
RESISTANCE TO SCRATCHING	UNI 11771-2	Class ≥ 2
LIGHT AGEING FASTNESS (XENON ARC)	UNI 11771-2	Grade ≥ 4 on the grey scale according to UNI EN 20105-A02
RESISTANCE TO DELAMINATION BY ADHESIVE TAPE TEAR TEST	UNI 11771-2	Conforming
FORMABILITY (method A)	UNI 11771-2	Radius in mm ≥ 10 x thickness
RESISTANCE TO HEAT BLISTERING	UNI 11771-2	≥ 15"
FORMALDEHYDE EMISSION	Reg. UE 2023/1464, EN 16516	≤ 0,062 mg/m <sup>3</sup> (E05)

a. Values reported herein are related to a standard product configuration. For customized products please contact our sales office

b. ≥2 for décors with metallic or pearl ink

# CLEAF CPL LAMINATE



## ON REQUEST

On request CPL is available with claim FSC® C047274 Mix Credit CSI-COC-000343



## STORAGE, HANDLING AND PROCESSING

Keep the products in a ventilated and dry environment, not exposed to direct sunlight. If exposed to direct sunlight, CPL may degrade to the point of losing its post-formability characteristics.

Avoid making excessively high or unstable stacks.

Machinery and processing equipment should feature suitable dust extraction systems.

Before glueing the product to a substrate, condition both materials to the climate of processing.



## RECOMMENDATIONS FOR USE

### Colour and gloss match

Slight differences in colour and/or gloss may occur in the same product between different production runs due to raw material tolerances. Components used next to each other should therefore be checked for colour and gloss consistency. In some cases, the texture and colour of the laminate may differ from the matching panel and/or edge band due to differences in production technology or presence of overlay. Please request samples for personal evaluation before placing your first order.

### Textures with geometric designs

There is a family of items (further to the above list) that only *appear* to have a distinctly geometric design. In reality, the intention of the aesthetic effect in these cases is to faithfully and realistically recreate even the irregularities inherent to the materials of natural origin or to the craft processes they simulate. For example, the FD05 decor or Nadir and Penelope textures that reproduce the weave of a fabric. The advantage of the design is precisely that it blends perfectly with the appearance of a fabric, where warp and weft can be tensioned to slightly different degrees from stitch to stitch. The requirement for angular deviation obviously does not apply to this group of items.



## CLEANING & MAINTENANCE

For cleaning, use only soft cloths and normal household hygiene products.

It is recommended not to spray products directly onto the surface, as this can cause halos.

In case of no-rinse cleaning agents, apply the detergent to a soft cloth and wipe the surface. In case of cleaning agents to be rinsed off, apply the detergent to a damp soft cloth, then clean, rinse with water to remove any residue, and finally wipe the surface with a soft cloth to avoid possible deposits of limescale from water.

Avoid using abrasive products and sponges, including melamine sponges (magic sponge), bleach or strongly chlorinated products, strong acids or bases. The use of cleaning products or sponges with an abrasive effect can lead to long-term polishing and loss of the product inherent resistance characteristics.

For further details see the instruction datasheet *Melamine Cleaning Instructions*.

This technical data sheet has been drawn up in accordance with the current state of our knowledge and technical characteristics of the materials, however it is for informational purposes only and does not in any case represent a kind of guarantee even regarding the suitability for specific applications or regarding the properties of the products. This sheet is mainly based on the practical experience of our technicians as well as on internally conducted tests and therefore does not constitute incontrovertible scientific proof. Cleaf SPA therefore assumes no responsibility for any technical and/or application errors, inaccuracy in the application of standards or regulations or even misprints. Finally, we point out that this sheet may be outdated due to technical changes because of the continuous development of Cleaf SPA products, as well as changes in scientific and technical standards or on the base of the introduction of new regulations applicable to the reference industry. In light of the above, the content of the processing instructions can act neither as a manual for the use of the products nor for their applications nor as an element of identification of the object of the legally binding contract between the parties.