

PRODUCT ENVIRONMENTAL PROFILE (PEP)

Burin collection — *designed by Patricia Urquiola*

Product Environmental Profile (PEP) is a type II environmental product self-declaration that includes relevant environmental statements about the materials that compose the product and its environmental impact.



**Product pictured may not be the exact style of the product studied in this document.*

Materials

MDF TOP

The MDF used in the manufacturing process of stained and lacquered tabletops has low formaldehyde emissions.

- MDF complies with US EPA TSCA Title VI + CARB Phase 2 ATCM 93120.
- MDF is a low formaldehyde emission product E05 ($\leq 0,05$ ppm EN 717-1) and meets Class E1 requirements defined in EN 622-1 European Standard.

COMPACT TOP

Compact boards have low formaldehyde emissions and comply with E1 emission rating according to EN 13986. With regards to volatile organic compound emissions, it has been rated A+ according to AFNOR NF EN ISO 16000-9 and has a TVOC emission of $\leq 0,2$ mg/m³.

HPL WITH MDF TOP

The MDF tabletop used in HPL tables has low formaldehyde emissions.

- MDF meets Class E1 requirements.
- MDF complies with US EPA TSCA Title VI + CARB Phase 2 ATCM 93120.

HPL meets Class E1 requirements.

CENTRAL SUPPORT

The central support is available in rotomolded polyethylene in the finishes of the collection. No pigments or additives based on lead, cadmium, tin, chromium VI or mercury have been actively added or their levels do not exceed 0,01% by weight per component. No short-chain chlorinated paraffins (SCCPs) have been actively added or included. Their content does not exceed 0,01% by weight as a measured value per component.

PBT PLATE

The following substances have not been intentionally added to the PBT plate above the 0,1% threshold, except cadmium which has a threshold limit of 0,01%: lead, mercury, chromium, cadmium, PBBs, PBDEs, DEHP, BBP, DBP and DIBP.

We use powder coating obtained from polyester resins without TGIC on the PBT plate uniting the base with the tabletop. Our powder coating offers hard weather resistance, maintaining its gloss and resistance to UV rays, and complies with international specifications of QUALICOAT.

No solvents are present in the polyester powder coatings; therefore, are free of volatile organic compounds (VOCs). Furthermore, powder coatings do not contain heavy metals such as cadmium and lead.

This powder coating shows compliance with the requirements of NF EN ISO 16000-9 regarding the low emission of VOCs and has been labeled as A+ in the emission classification “VOC Émissions dans l’air intérieur”.

Enviromental certificates

The following styles of the Burin range comply with the Mandatory material requirements of Möbelfakta’s Requirements Specification Ver. 2021-11-01 14.2:

- Stained top in matt oak and ash finishes.
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Manufacturing

The product is partly assembled in Viccarbe's factory in Spain. Viccarbe is accredited with the environmental standard ISO 14001. As a result, every care is taken to ensure our operations and products make a positive contribution to the local and global environment.

We appropriately manage all our waste with authorized agents.

PACKAGING

We carefully analyse the packaging of our product, using the quantity of cardboard, plastic, or foam strictly necessary to reduce waste whilst avoiding damaging the product in any way during transport.

80% of the raw material used in our paperboard packaging comes from recycled paper.

Transport

We take environmental impact into account when selecting raw materials. 98% of our suppliers are European, allowing us to minimize the environmental impact caused by transport. The remaining 2% come from the USA.

For the distribution of our products, we use groupage transport companies, ensuring that trucks are full. For inter-continental transport we always go by sea. We only use aerial transport in urgent cases.

Use

During the use phase of the product - the longest phase of the life cycle - no significant environmental impacts occur as no water or energy are required for its use. Designed for a long product life with replaceable parts that are easy to change.

Maintenance information is available on Viccarbe's website. Viccarbe's guarantee for indoor products is valid for 10 years from the date of the invoice of Viccarbe.

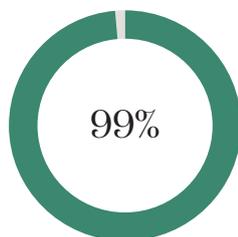
End of use

Any product can become a resource itself or be responsibly disposed of in different ways. At Viccarbe we try to design products with easily interchangeable parts, making it easier to recycle the various components at the end of their life cycle.

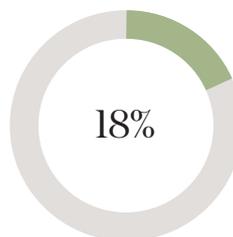
Recyclability

The model chosen for analysis is the reference BUD120 from the Burin range. We estimate that 99% of the product can be disassembled and 18% of the product materials can be recycled based on EUROSTAT statistics*.

**Recyclability calculation does not include packaging. Cardboard packaging is 100% recyclable.*



DISASSEMBLY



RECYCLABILITY