



International Committee of the Decorative Laminates Industry

New environmental product declaration for HPL and HPL-Compact

- Low environmental footprint of HPL industry and products
- Manufacturers meet demand for specific environmental declarations

Frankfurt am Main, 25/5/2023. Environmental Product Declarations (EPDs) provide quantitative, verified and objective information on the environmental impact of a product based on clearly defined parameters. For the high-performance materials HPL and HPL-Compact, EPDs based on life cycle assessments have already been available for several years, which consider the complete life cycle (raw material extraction, production, transport, installation/use, recycling). Now an update of the declaration for the next five years has been published, which once again confirms the low environmental impact of HPL and HPL-Compact.

Especially in the building sector, environmental product declarations are used by architects, planners, engineers and builders to prove and guarantee the most sustainable construction possible in tenders. The new environmental declaration for HPL and HPL-Compact maps the environmental impact of the surfaces over their entire life cycle and also describes their functional and technical properties.

Protection of environment and climate is key

In the new EPD, several life cycle assessment criteria, for example on production and transport and for more transparency, were split up. Once again, the low ecological footprint of the products became apparent, for example in the area of Global Warming Potential: the production of one square metre of HPL emits only 1.26 kg of CO₂ equivalent.

Generally speaking, the greatest environmental advantage of HPL is its long service life. The material is easy to clean, hard-wearing and resistant and scores with a long service life. During the use phase, 0.29 kg of biogenic carbon corresponding to 1.06 kg of CO₂ equivalents are stored in the HPL. The ICDLI is currently working together with the Fraunhofer Institute/WKI on a European end-of-life study on HPL, which will provide information on how the boards are recycled at the end of the use phase.

Based on international standards

The verified environmental declaration on HPL is based on the international standards ISO 14025 and EN 15804 and is published by the Institut Bauen und Umwelt e.V. (Institute for Building and Environment). It is valid for five years and is publicly accessible. It can be used to compare and select different building components, construction methods and options according to ecological criteria already in the design phase.

Press release

ICDLI
International Committee of the
Decorative Laminates Industry
aisbl

Rue de la presse 4
1000 Bruxelles
Belgium

Headquarters:
Mainzer Landstraße 55
60329 Frankfurt am Main
Germany

Phone +49 69 40 89 555 44

Objective, neutral, well-founded

The comprehensive LCA data and information contained in EPDs are compactly summarised in a uniform format on a few pages. The EPD of the ICDLI is a European average declaration in which data from HPL manufacturers from all over Europe were collected and evaluated. Since 2012, consistently representative information on the average environmental profile for HPL and HPL-Compact has been available.

The ICDLI offers an exclusive report in English on its website with explanations on the EPDs: for example, on the value of these sustainability reports and a summary of their most important statements. Read more: <https://www.icdli.com/tech-centre/>

About the ICDLI

The ICDLI International Committee of the Decorative Laminates Industry is the association of European HPL manufacturers and their suppliers. It is the European voice of the HPL industry and an important interface to the media, politics, society and science.

ICDLI – International Committee of the Decorative Laminates Industry aisbl

Sven Weihe | Communications

Phone: +49 (0) 69 40 89 555 43

Mobile: +49 (0) 151 7067 5898

E-Mail: sven.weihe@pro-kunststoff.de