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CARBON ZERO DRIVEN HPL



HEADQUARTER: Bogota (Colombia) **PRODUCTION PLANT:** Cartagena (Colombia)

Employees:
400

LAMITECH-Family:
Pertech (HPL Manufacturer Brazil)
Percisa (CNC Processing of HPL)



SUPPLIERS

All well known decorative & kraft paper manufacturers

PRODUCTION

- Own resin production (melamine and phenol)
- 5 impregnation systems
- 4 presses
- 2 CNC machining centers
- directly in the factory

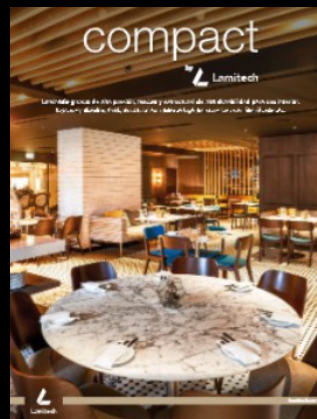
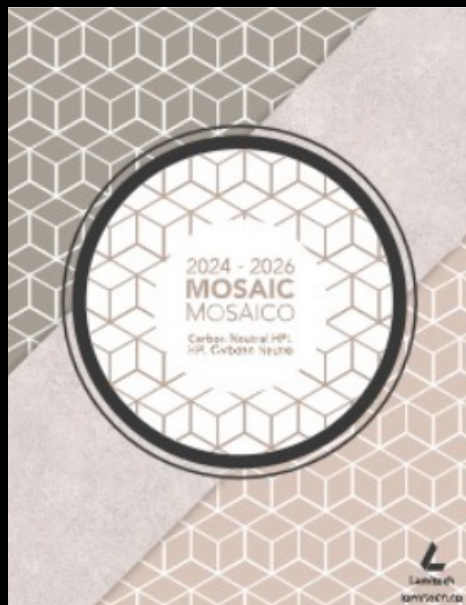
QUALITY

Laboratory and Technical Development
Certified among others:
ISO 9001, ISO 14001, FSC, CE, IMO

PORTFOLIO

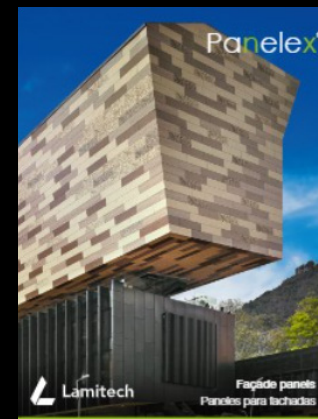
MOSAIC

- HPL
- decors
- structures
- finishes



COMPACT

- interior
- black core
- brown core
- colored core



PANELEX

- exterior compact
- facades
- UV protected



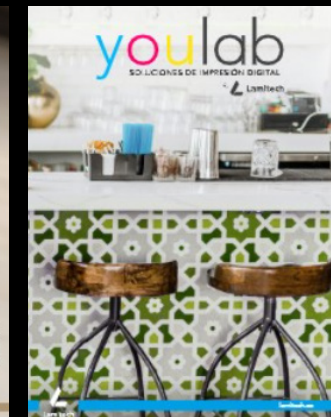
EX²

- exterior
- horizontal applications
- UV protected



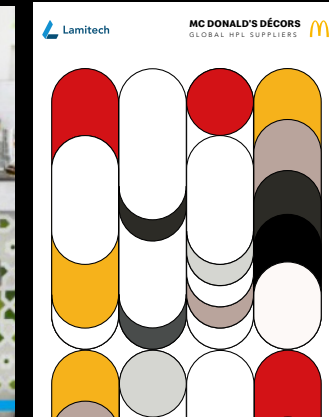
OPAK

- supermatt
- anti fingerprint
- highly abrasion-resistant
- easy to clean



DIGITAL PRINT

- your design in HPL



MCDONALDS

- global supplier

LAMITECH CARBON ZERO DRIVEN HPL

GENERAL INFORMATION

- LAMITECH HPL is Carbon Zero Driven - EU banned the term „Carbon Zero“ (As there is always room for improvement to reduce CO2 emissions & minimizing the need for carbon credit compensation)



TRANSPARENCY & CERTIFICATION

- CO2 emissions are measured by independent third parties (LCA & EPD)
- EPD demonstrates environmental impact throughout the product lifecycle
- ISO 14001: Environmental management system to measure & optimize water, energy & CO2 usage



LAMITECH CARBON ZERO DRIVEN HPL

SUSTAINABLE RAW MATERIALS

- 75% of HPL is paper-based → sourced from sustainably managed forests
- FSC-certified papers
- Recycled kraft paper (used as long as product performance is not compromised)

ECO-FRIENDLY PRODUCTION

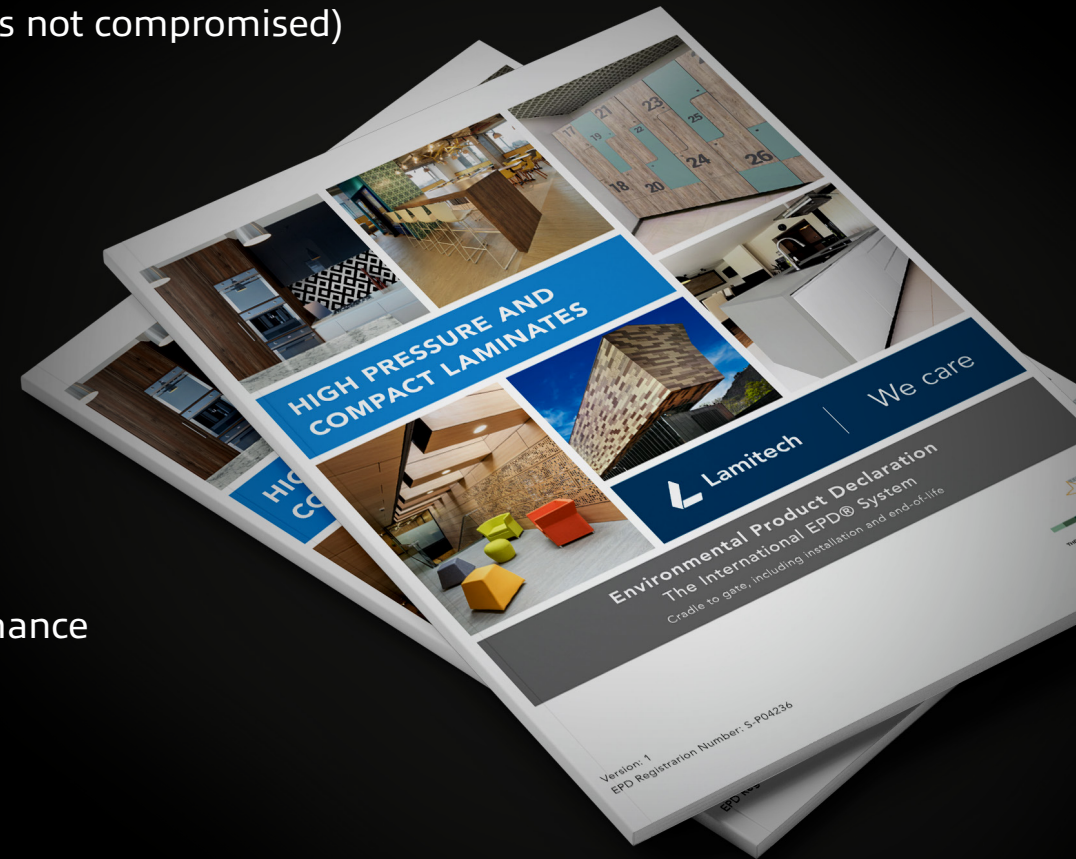
- Water-based resins (instead of solvent based resins)
→ avoids harmful organic vapors & VOCs
- 85% hydropower (renewable energy)
- 20,000 m² solar panels → covering 20% of electricity needs
- Gas-powered forklifts replaced with electric forklifts

DURABILITY & LOW ENVIRONMENTAL FOOTPRINT

- Designed for longevity → less waste, replacement & maintenance
- Lower environmental impact than melamine boards

CO2 COMPENSATION

- All environmental impacts are accounted for & offset
- Optimizing production & product engineering
- Reforestation initiatives
- Offsetting remaining emissions with carbon credits
- = Carbon Neutral Driven company





HIGHEST INTERNATIONAL STANDARDS FOR HPL (MEETING & EXCEEDING REQUIREMENTS)

- ANSI/NEMA: LD3 (USA)
- EN438 (Europe)
- ISO: 4586 (Global)
- CE (Conformité Européenne)

SUSTAINABILITY INITIATIVES

- Increasing the use of recycled kraft paper (without compromising product performance)
- Studying the use of bio-based resins (without compromising product performance)
- Developing more eco-friendly packaging for samples & marketing collaterals
- Providing group transportation for factory employees to reduce car usage

HEALTH & ENVIRONMENTAL

HEALTH PRODUCT DECLARATION (HPD)

Open standard for transparent disclosure of product contents & potential health/environmental risks

ANTIMICROBIAL

ISO 22196 Standard

→ Proven effective against harmful germs & microbes

No leaching, lasts the entire lifetime of the product

FIRE RESISTANCE

Full range of HPL is Class A under ASTM E84 Standard



OUR CLIMATE POSITIVE JOURNEY





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