

Panthēra at a glance



| Support material | Thickness | Standard size |
|---------------------------------|---------------|------------------------|
| Panthēra - CPL/HPL (brown core) | 0,45 - 0,9 mm | 3.050/4.200 x 1.300 mm |
| Panthēra - CPL/HPL (white core) | 0,45 - 0,9 mm | 3.050/4.200 x 1.300 mm |
| Panthēra - CPL/HPL (black core) | 0,45 - 0,9 mm | 3.050/4.200 x 1.300 mm |

Support material

Chipboard, MDF and Plywood. Further support materials like Swiss-CDF, Finsa-Compact, Valchromat, HPL-Compact on request.

Sizes and Thickness

Standard sizes are mentioned above. Other formats and thicknesses on request.

Packaging & storage

Panthēra is supplied in sheets, which are wrapped with a polyethylene and a shockproof packaging. The n° of sheets per pallet can be defined with customers. The stability of the product is ensured for twelve months, if retained in its original packaging and in regular and relative humidity of 40 – 60%

Gluing process with cold presses (HPL / CPL)

There is applied a limited pressure on the surface of the panel over 2-5kg / cm². During the bonding time, the glue has the possibility to complete its hardening circle.

Ex: PVAc D3 (waterproof) 40 – 60min. + 20°C

Edge material

Depending on the machine park, all commercially available edges are usable e.g. ABS edges, PP edges, laser edges, Air-Tec edges.

ABS-Edges (1,5 mm thick) to match the panels can be supplied in various width. Please ask us for more information.

Repairability of material

Micro-scratches can be repaired by passing a hot iron over them. (max. temperature of 120°C for a 10-second application). Slight micro-scratches can be removed using a common household cleaning sponge.

Bonding HPL / CPL

The product can be glued with following surfaces:

- Thermoplastics: PVAc – Polyvinyl acetate (industrial bonding), Neoprene, Hot Melt
- Thermosetting agents: Urea-formaldehyde, PUR, resorcinol or epoxy resin

Gluing process with hot presses (HPL / CPL)

Usually it is applied a pressure of 2 – 5kg and a temperature over 40 – 60 °C. The bonding time is now shorter. Indeed the panels should be cooled before proceeding with the cutting.

Disclaimer: the information contained in this data sheet is intended as a suggestion for optimum description and use of product. No responsibility is assumed for production results.