

HDF HOMADUR® LAMINATED

APPLICATION

HDF HOMADUR® LAMINATED boards are used in a range of industries, including the furniture industry, door industry, vehicle/caravan industry and in booth construction and interior fittings for the following purposes:

- Furniture back panels
- Door panels
- Standard interior doors
- Flexible wall and separator elements
- Automotive/caravan interior panelling



PRODUCT

HDF HOMADUR® LAMINATED is a HDF HOMADUR® board, finished on one or both sides with a finish foil, thermoplastic film or CPL. A wide range of existing coating products, colours and decors can be used, or exclusive designs can be arranged.

PROPERTIES

The following coating materials can be optionally applied:

- Paper-based finish films, painted and unpainted, solid colours or printed, weight per unit area between approx. 45–220 g/m²
- PP foils with a thickness between 110–260 µm (surface weight approx. 100–240 g/m²)
- CPL laminates with a thickness ≤ 0.3 mm

PVAC-based emulsion film adhesives are used for bonding. **With a suitable surface material, the laminated boards can also be folded directly and without joints on the laminating system.**

DIMENSIONS

HDF HOMADUR® LAMINATED is available in the following dimensions:

Width: 600–1290 mm

Length: 800–3200 mm

Thickness: 2–10 mm

The key physical data can be found in the TECHNICAL DATA SHEET of the corresponding HDF HOMADUR® carrier board, which is available upon request.

The finishing requirements of IOS-MAT 0066 for classes R7, R4 and R2 are met by suitable painted finish films and PP films. The CPL coatings are tested according to EN 438-2.

PROCESSING

HDF HOMADUR® LAMINATED boards can be processed with all common tools and woodworking machines. Dimensions and tolerances of the supplied boards are regularly monitored. Details can be found in the separate TOLERANCE DATA SHEET.

Do not expose HDF HOMADUR® LAMINATED boards to direct moisture. Before processing, they should be given sufficient time to adapt to the climate of the processing area. A sheet temperature of at least 15°C is required for processing.

SUSTAINABILITY

The wood used for the production of HDF HOMADUR® boards comes from sustainably managed forests in the immediate vicinity of the processing sites. If required, certifications according to FSC or PEFC can be supplied.

The binders used are the latest generation of thermosetting resins. They form a solid network after curing under pressure and temperature. The PVAC glues used for lamination are low formaldehyde. The foil materials used meet all relevant emission requirements. The quality of HDF HOMADUR® LAMINATED is regularly monitored by internal and external tests. The following formaldehyde emission classes are complied with: REACH: Regulation (EU) 2023/1464 on the restriction of emissions of formaldehyde and formaldehyde releasers in products (Entry 77, Annex XVII) (E05), EPA/TSCA Title VI-40 CFR Part 770 & CARB Phase 2, IKEA IOS-MAT 0003, IOS-MAT 0181.

PLEASE NOTE

These product instructions have been prepared to the best of our knowledge and with great care. No liability can be assumed for printing errors and mistakes. The most recent processing instructions apply. The content cannot be used as a legally binding basis.