

# HDF HOMADUR® RAW-B1

## flame retardant



### APPLICATION

HDF HOMADUR® RAW-B1 boards are used in a range of industries, including:

- Door industry
- Interior fittings
- Booth construction
- Automotive/caravan industry



### PRODUCT

HDF HOMADUR® RAW-B1 are continuously produced wood fibre boards made of finely processed wood fibres in a dry process. They are mainly produced from domestic thinning wood and sawmill residues. Oposit to HDF HOMADUR® boards, HDF HOMADUR® RAW-B1 are also equipped with fire protection salts, which significantly increase the fire resistance of the boards without impairing their usability. HDF HOMADUR® RAW-B1 boards are sanded on both sides and are available as unfinished boards, either in large format or cut to size.

### PROPERTIES

HDF HOMADUR® RAW-B1 boards are available in thicknesses between 1.8 mm and 6.0 mm. The physical key data can be found in the TECHNICAL DATA SHEET, which is available upon request. HDF HOMADUR® RAW-B1 boards comply with DIN 4102-1 building material class "B1 – flame retardant". In accordance with DIN EN 13501-1, tested in the SBI test in accordance with DIN EN 13823, they meet the requirements of class "C-s2,d0".

### PROCESSING

HDF HOMADUR® RAW-B1 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. The customer can easily paint, laminate or otherwise coat with commercially available covering materials such as veneers, foils, melamine papers, CPL or HPL. The material suppliers' instructions must be considered or confirmed in advance by means of individual trials.

Do not expose HDF HOMADUR® RAW-B1 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® RAW-B1 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. Self-monitoring, which takes place several times a day, and regular checks by external institutes ensure that only the smallest quantities of the binders components emit after the curing. The latest version of the following formaldehyde emission classes are complied with: E1 in accordance with Chemicals Prohibition Ordinance 2020 (E05), EPA/TSCA Title VI–40 CFR Part 770 & CARB Phase 2, IKEA IOS-MAT 0003, IOS-MAT 0181. The flame-retardant salts used are halogen-free and firmly incorporated into the sheet matrix.

### 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.