

HDF HOMADUR® RAW

Flame Retardant B1

TYPES OF APPLICATION

These boards are used in the following branches, for example:

- Door industry
- Automotive industry
- Interior fitting
- Exhibition stand construction



PRODUCT

HDF HOMADUR® Raw Flame Retardant B1 is a wood fibreboard made from fine wood fibres produced by a continuous dry process.

STRENGTHS

- Dense, smooth and hard surface
- Excellent dimensional stability
- Exceptionally flat
- Certified quality: class B1

SPECIFICATIONS

HDF HOMADUR® Raw Flame Retardant B1 boards are tested in accordance with DIN EN 622 part 1 and 5 as well as DIN 4102-1 and have the following data at dispatch:

Thickness:	2.5–4.0 mm
Dimensions:	2800 x 2070 mm (Cut to sized measures and special formats on request)
Density HDF:	960 ± 30 kg/m ³
Transverse tensile strength at a residual moisture:	≥ 1.1 N/mm ²
Thickness tolerance:	5 ± 1% ± 0.10 mm sanded (only available in sanded version)
Bending strength:	≥ 45 N/mm ²
Bending E-modulus:	≥ 4300 N/mm ²

PROCESSING

HDF HOMADUR® Raw Flame Retardant B1 fibreboards can be finished in various ways using suitable techniques. Further processing can be carried out using standard woodworking machinery and tools. You must carry out your own trials and tests in advance.

SAFETY

Checks on physical technical values are carried out regularly in accordance with DIN EN 622-5. Formaldehyde measurements are carried out several times a day in accordance with DIN EN ISO 12460-5 – perforator method. The test results produced are checked at regular intervals by independent institutes. The fire behaviour is similarly monitored by independent testing institutes in accordance with DIN 4102-1. In the framework of external monitoring of our product, authorised people have the right to take samples from HOMANIT B1 deliveries on building sites or retailer warehouses for monitoring at no cost.

ENVIRONMENT

The environmental compatibility of the HDF HOMADUR® Raw Flame Retardant B1 fibreboards begins with the environmentally- friendly materials used, such as untreated timber and low-formaldehyde binding agents, and ends with our innovatively ecological and gentle manufacturing process.

PLEASE NOTE

For further information please see the general specifications of HDF HOMADUR®. The information above is provided to the best of our knowledge, but no liability can be inferred.