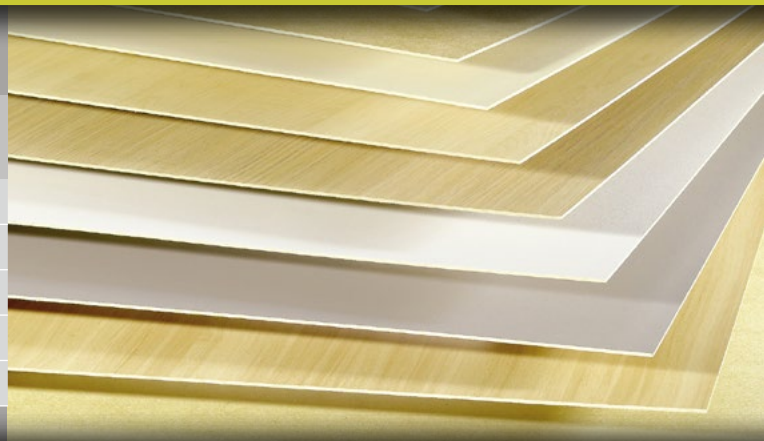


# HDF HOMADUR® DECOR AND UNI

## APPLICATION

HDF HOMADUR® DECOR and UNI boards are used in a range of industries, including:

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



## PRODUCT

HDF HOMADUR® DECOR and UNI are HDF HOMADUR® boards that have been top-coated on one or both sides. HOMANIT offers a variety of existing colours and decors for this purpose. However, exclusive designs can also be arranged.

## PROPERTIES

HDF HOMADUR® boards are finished in high-performance coating systems with a multi-layered paint structure. A combination of pigmented water-based lacquers and a transparent UV lacquer finish results in high-quality finishes. Almost any uni-colour can be achieved. Decors are produced by indirect gravure printing. Wood decors or fantasy decors: Almost anything is possible. The samples can be prepared in advance on a separate testing facility, or one of the more than 600 existing decors and uni-colours can be used.

The key physical data can be found in the TECHNICAL DATA SHEET of the corresponding HDF HOMADUR® carrier board, which is available upon request. HDF HOMADUR® DECOR and UNI boards are available in three property classes:

### STANDARD

The surfaces of these products are tested for chemical resistance (based on DIN EN 12720), heat resistance (DIN EN 12722), adhesion (DIN EN ISO 2409) as well as scratch resistance (DIN EN 68661-T2) and abrasion (DIN EN 68661-T4), to ensure that a consistently high quality is always supplied.

### PLUS

Compared to the STANDARD property class, optimised paint systems increase scratch and abrasion resistance (in accordance with DIN EN 68861-T4: Class 4D – according to EN 68861-T2: Class 2E).

### R7/R6/R4

This property class meets the high requirements of IKEA IOS-MAT 0066 for classes R7, R6 or R4, tested in accordance with EN 12720 and EN 12722. The resistance times against paraffin, coffee, water and other media are achieved without stains, depending on the test class, even with previous existing scratches.

The maximum colour difference of all UNI surfaces must not exceed  $\Delta E$  1.0 during intensive internal checks (DIN EN ISO 11664-4). The print designs are also strictly controlled using reference samples. The degree of gloss is  $25 \pm 6$  GU (DIN EN ISO 2813, measuring geometry 60°). Other gloss levels are available on request.

## PROCESSING

HDF HOMADUR® DECOR and UNI 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 the 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 paint systems used are water-based or UV-curing. HDF HOMADUR® DECOR and UNI boards are suitable for the manufacture of children's furniture and toys. Specific details of the relevant test standards can be found in the TECHNICAL DATA SHEET.

## 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.