

# About us

As founder of Naturhaus Naturfarben GmbH, Harald Kastenhuber specializes in natural surface coatings and care products.

Testimonials/Projects: cruise ships notably the Queen Mary II, the Paris Opera, lounges within various European football stadiums, internationally renowned architects, as well as numerous restaurants, hotels and private apartments.

The inventor of the first solvent-free hard wax has now taken on a consulting role in his family business, but sustainable building and living remain very much his passion.

It was during his long-term collaboration with the Bavarian premium supplier, Inntaler Holz + Boden, that he first discovered the unique material properties of FORESCOLOR fiberboard from the Engelhard Group.

The idea for FLOOR*Design*® was born.

...and

## The NATURHAUS – oiled surfaces

with our NATURHAUS-oiled surface, the brilliance of FLOOR*Design*® is displayed at its best.

Tried and tested, the NATURHAUS PERFORMANCE-OIL provides perfect impregnation and the ideal surface protection for this purist material.

Modern CNC technology opens up an impressive array of design possibilities, allowing us to carve company logos and signatures, safety instructions, lighting or cable ducts. Discover us.



Discover more about



[www.hk-floordesign.com](http://www.hk-floordesign.com)

Harald Kastenhuber  
83714 Miesbach  
T 0173 9297432  
[Harald.Kastenhuber@hk-floordesign.com](mailto:Harald.Kastenhuber@hk-floordesign.com)



## Unbelievable Floor Design

customizable MDF floorboards



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## Customizable MDF floorboards

Our completely dyed-through Forescolor MDF forms the basis for timeless beautiful floors. Treat with NATURHAUS PERFORMANCE-OIL to ensure optimum durability and a silky finish.

Whether you opt for single board or French herring-bone, plain elegance or milled inlays bearing your company logo, our sleek floors are adaptable and offer undreamt-of design possibilities.

## pure...FLOOR*Design*

- The most exciting style of all
- Understated elegance is completely on trend
- An appreciation for minimalist, seemingly timeless design – imparting a simple elegance – is becoming increasingly popular with customers who cherish values.

## Advantages

- Completely dyed-through – no discoloration under load or unsightly scuffing of the surface
- Customizable
- Single or multi-colored, with imprint, and thanks to the latest CNC milling technology, even in 3D
- 10 color variations currently offered
- Suitable for home, office, shopfitters and trade fair construction, public buildings, kindergartens or schools
- Wall and ceiling panelling in individual design
- Durable, with a density approx. 10% greater than oak, enabling greater dimensional stability
- Water resistant – no penetration of standing liquids even in the critical, frontal area
- Thanks to the double layer of NATURHAUS PERFORMANCE-OIL the floor is easy to sweep, vacuum, wipe and even to maintain with automatic cleaning appliances
- Sustainability: The raw material comes from nature – wood waste and residual wood from wind breakage is used for the Forescolor base material (wood not usable in construction, usually spruce/pine/ stone pine)
- Ecological and organic colour pigments, as well as specific processing expertise, are necessary to guarantee consistency in quality

## Design options

Patterns, adornments, lettering, company logos, pictograms... Depending on the intended use, the design possibilities are almost endless. Even the colour scheme of the imprints is entirely your choice.

Larger designs can extend over a maximum of four boards creating an absolutely eye-catching effect.

## Technical Characteristics

Thickness	EN 324-1	16mm
Density	EN 323	740kg/m <sup>3</sup>
Moisture content	EN 322	7 +/- 2%
Thickness swelling (24h)	EN 317	8%
Tensile strength	EN 319	≥0,8N/mm <sup>2</sup>
Flexural strength	EN 310	≥35N/mm <sup>2</sup>
E-Modul	EN 310	≥2700N/mm <sup>2</sup>
Thickness swelling after cycl. test	EN 321	15%
ensile strength after cycl. test	EN 321	0,20N/mm <sup>2</sup>
Thermalresistance ISO6946:2018-03		0,10m <sup>2</sup> K/W

- Size and thickness according to customer specifications
- Also suitable for underfloor heating
- Delivered ready-to-lay
- Non-conductor