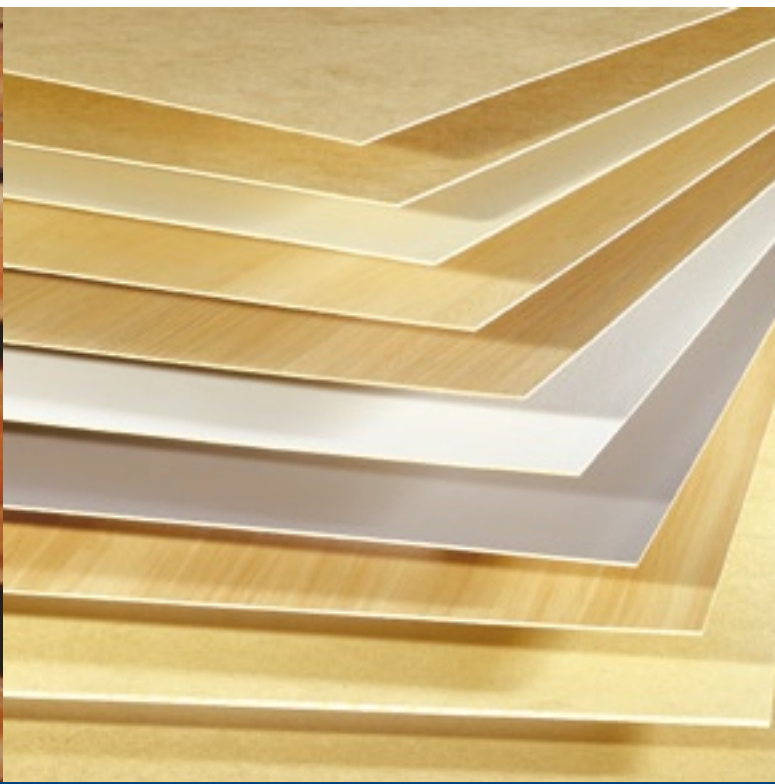




**A natural
core**



**And a surface
to adore**

Nature and technology: the harmony of ecology and economy

For decades, our thinking and actions have been characterised by rational and responsible handling of the available raw material resources. Our technical and economic progress is inconceivable without respect for our environment.

The natural and renewable raw material wood forms the basis of our range of products, so we pay all our attention to the origin of the woods we use. We use native woods – primarily wood thinnings and wood chips from the sawmill industry – in the production processes in the German factory in Losheim and in the Polish factory in Karlino.

HOMANIT produces its high-density, smooth-on-both-sides HDF/MDF HOMADUR® wood fibreboards in the clean dry process.



The German factory in Losheim is certified to:

IMO-COC-023069

FSC Trademark © 1996 Forest Stewardship Council A.C.

The Polish factory in Karlino is certified to:

Certificate Registration Code: SW-COC-2084

FSC Trademark © 1996 Forest Stewardship Council A.C.



The German factory in Losheim is certified to:

PEFC/04-31-0600

The Polish factory in Karlino is certified to:

PEFC 14501739

Upon request, we produce a FSC
or PEFC certified wood fibre board.



The lacquers used for the surface finishing of our HDF/MDF HOMADUR® wood fibreboards are water-based emulsion lacquers which are protected by an “acrylic UV varnish”.

Our HDF/MDF HOMADUR® products can be thermally recycled without hesitation after their use.

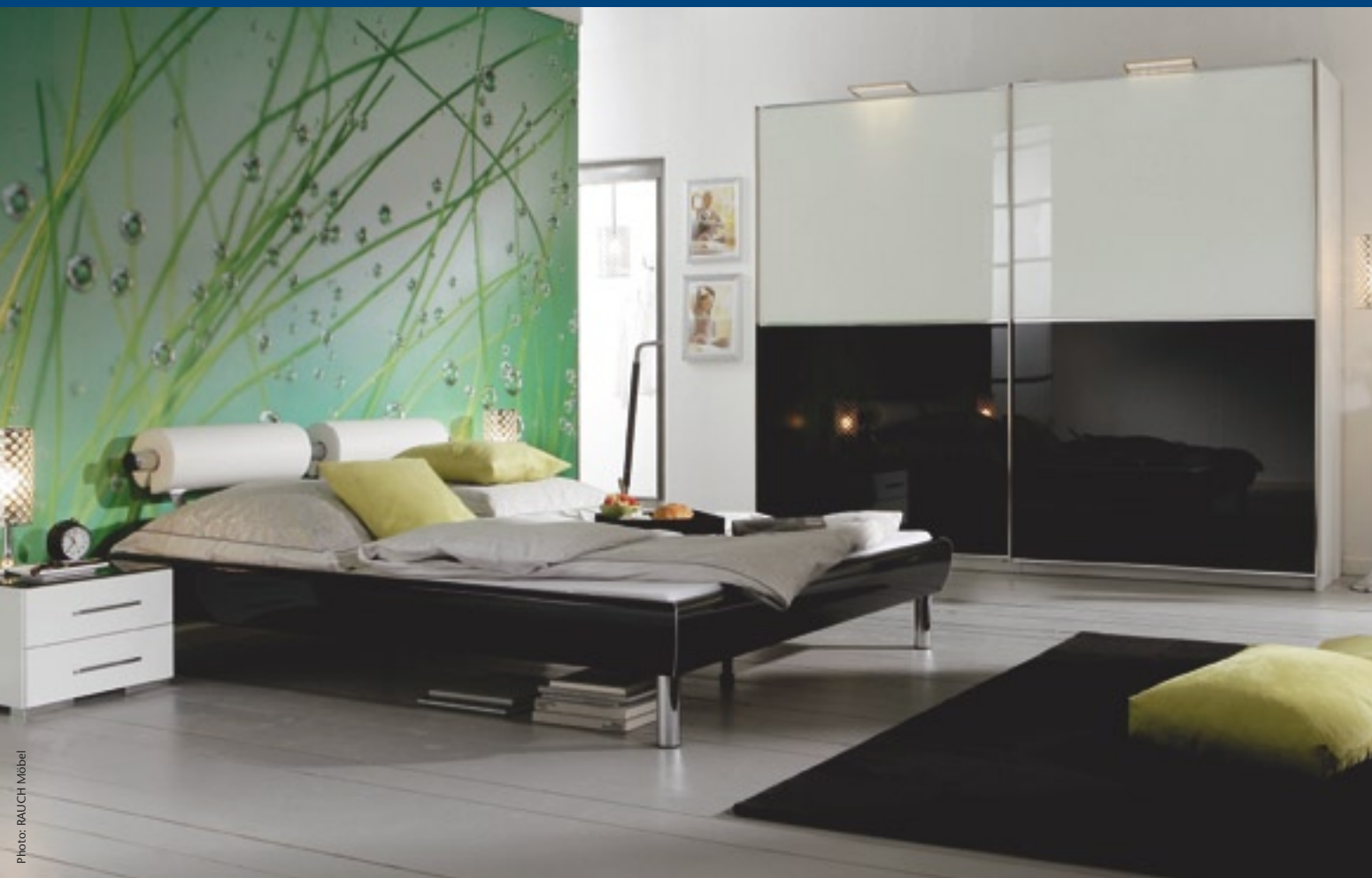


Photo: RAUCH Möbel



Regarding their formaldehyde content, our products correspond to at least emission class E1 according to the ordinance on banned chemicals. Due to the permanent and shift-overlapping monitoring of all quality parameters in our own laboratories and regular outside monitoring by external institutes, a consistently high standard of quality is guaranteed.

First-class products, highly modern production processes, investment in research and development, the comprehensive service for our customers and not least the high motivation of all HOMANIT employees characterise the high quality standards to which we are committed in all areas of the company. Every day, we demonstrate our quality leadership in the segment of finished high-density fibreboards (HDF) with our services and products.

In 1995, HOMANIT was already certified to the quality management standard DIN EN ISO 9001. The German factory in Losheim and the Polish factory in Karlino are certified to the new standard ISO 9001:2000 for quality management.

HOMANIT is certified according to CARB, table 1 of § 93120.2 of phase 2.



Reg.-Nr. 003792 QM



HDF/MDF HOMADUR® – the thin wood fibreboard that sets standards

For generations, the HOMANIT company has been committed to the highest product quality and the principle of sustainability. The investments in the modern, clean production systems and manufacturing processes bear witness to its implemented company philosophy and its global market presence.

In the clean dry process approximately 65 million m² of HDF/MDF HOMADUR® wood fibreboards are produced in our Losheim facility each year. These boards leave the factory in a raw or further processed condition.



In Losheim the HDF/MDF HOMADUR® wood fibreboards are lacquered on two modern lacquering lines.

Our state-of-the-art processing centres allow us to finish the lacquered as well as the raw HDF/MDF HOMADUR® wood fibreboards in a large number of different ways. Drilling, milling, folding, sanding, stamping, cut to size – to name but a few – and individual combinations thereof are possible.



Technology with an eye for the future:

HDF/MDF HOMADUR® wood fibreboards



In spring 2008, at the Polish site of Karlino, HOMANIT started producing thin boards with a new continuous press. The 28 m long, continuous press is able to produce HDF/MDF HOMADUR® wood fibreboards in widths of 1900 to 2550 mm and lengths of 2440 to 6200 mm and in thicknesses of 1.5 to 10.0 mm.

Two modern lacquering lines and our processing centres enable us to have a wide production range. From the raw board to the lacquered and finished product – all the manufacturing variants of our HDF/MDF HOMADUR® wood fibreboards are possible at Karlino.



Desired in many industries:

HDF/MDF HOMADUR® Raw



Photo: NOBILIA Küchen

HDF/MDF HOMADUR® Raw

HDF/MDF HOMADUR® Raw wood fibreboards are homogeneous, and have an especially dense, smooth and hard surface. They are distinguished by a very high dimensional stability and their excellent flatness.

HDF/MDF HOMADUR® Raw boards can be delivered sanded on one or both sides for further processing.

HDF/MDF HOMADUR® Raw fire-resistant wood fibreboards are produced in certified B1 quality. At regular intervals external institutes certify the high behaviour against fire.

Technical Data HDF/MDF HOMADUR® Raw

Thickness Tolerances:	± 0.15 mm
Density:	730 - 1000 kg/m ³
Bending Strength:	40 - 55 N/mm ²
Transverse Tensile Strength:	0.65 - 1.1 N/mm ²
Moisture Content:	approx. 5%
Face/Back:	unsanded – both sides smooth sanded on one or both sides
Thicknesses:	1.5 - 10.0 mm various thicknesses upon request
Formats:	2440 x 1220 mm 3050 x 1220 mm 2650 x 2070 mm 2800 x 2070 mm 5300 x 2070 mm 3050 x 2440 mm

Special formats and cut to sizes upon request



Photo: WITEX



HDF HOMADUR® Coreboard

HDF HOMADUR® Coreboards are manufactured in accordance with the special and individual requirements of the flooring industry for the production of parquetry and laminate flooring.

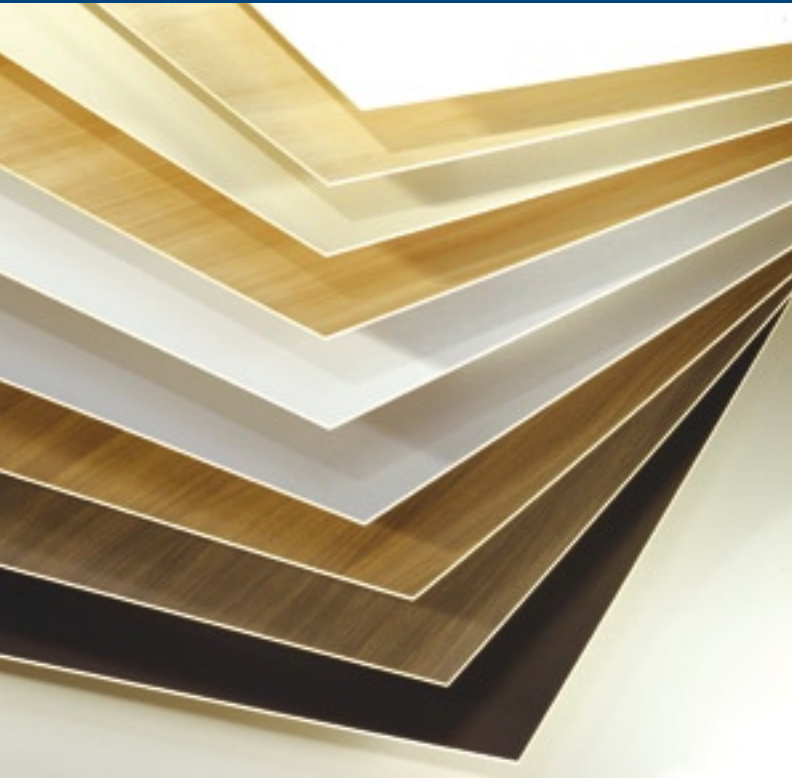
Technical Data

HDF HOMADUR® Coreboard

Thickness Tolerances:	± 0.10 mm
Density:	840 - 900 kg/m ³
Bending Strength:	≥ 45 N/mm ²
Transverse Tensile Strength:	≥ 1.1 N/mm ²
Moisture Content:	approx. 5%
Face/Back:	sanded on both sides
Thickness Swelling:	6 - 15% (upon request)
Thicknesses:	5.0 - 10.0 mm
Formats:	upon request

At home in lots of furniture:

HDF HOMADUR® Wood Grain Decor and Uni



Technical Data HDF HOMADUR® Wood Grain Decor and Uni lacquered fibreboards

HDF HOMADUR® Wood Grain Decor and Uni lacquered fibreboards

With over 40 wood structure cylinder it is possible for us to comply with almost every customer request for a particular type of wood with individual colouring. Uni lacquered fibreboards can be realised in almost any desired hue. At any time, we can fall back on over 500 existing wood patterns and Uni lacquered fibreboards colourings.

Lacquering is carried out in an eco-friendly way, using exclusively water-based emulsion lacquers. The surface is protected by a clear acrylic UV varnish. The HDF HOMADUR® Wood Grain Decor and Uni lacquered fibreboards can be varnished on either one or both sides, and it is possible to have different decorative patterns on each side or a mix of wood reproduction on one side and uni lacquered on the other.

Thickness Tolerances: ± 0.15 mm

Density HDF: 850 ± 30 kg/m³

Bending Strength: 40 - 55 N/mm²

Transverse
Tensile Strength: $\geq 0,7$ N/mm²

Moisture Content: approx. 5%

Face/Back: lacquered on one or both sides

Thicknesses: 1.5 - 6.0 mm
variable thicknesses
upon request

Formats: 2440 x 1220 mm
3050 x 1220 mm
2650 x 2070 mm
2800 x 2070 mm
5300 x 2070 mm
3050 x 2440 mm

Special formats and cut to sizes upon request



Photo: RAUCH Möbel



Photo: T.villum Scanbirk



Photo: RAUCH Möbel

HDF HOMADUR® Primed

For final lacquering by the customer, we produce HDF HOMADUR® Primed boards with a high-quality primer in white or beige. Other colours are available on request.

HDF HOMADUR® Plus

The higher scratch resistance of HDF HOMADUR® Plus board surfaces is achieved by means of an additional, multi-layered coating of acrylic UV varnish. Standard Wood Grain Decors and Uni lacquered fibreboards are available.

Tailor-Made Service

At our technical centre, we have a laboratory facility that enables us to realise almost any pattern in accordance with the customer's wishes.



Opening up new free space:

HDF/MDF HOMADUR® Door Skin

HDF/MDF HOMADUR® Door Skin

The high technical/physical requirements of the door industry are fulfilled by our HDF/MDF HOMADUR® Door Skin. Its surfaces are excellently suited to:

- varnishing
- coating with foils
- veneering
- coating with laminates.

Technical Data

HDF/MDF HOMADUR® Door Skin

	HDF	MDF
Density:	870 ± 30 kg/m ³	760 ± 30 kg/m ³
Transverse Tensile Strength:	≥ 1.1 N/mm ²	≥ 0.65 N/mm ²
Moisture Content:	approx. 5%	
Face/Back:	unsanded – both sides smooth sanded on one or both sides	
Thickness Tolerances:	± 0.15 mm (unsanded) ± 0.10 mm (sanded)	
Bending Strength:	40 - 55 N/mm ²	
Thicknesses:	1.5 - 6.0 mm	
Formats:	standard and cut to size	

HDF HOMADUR® Door Skin Plus

With the HDF HOMADUR® Door Skin Plus we are offering the door manufacturers a completed, already varnish-finished door skin that only needs to be pressed to the filling and frame.

Surface condition

against abrasion: 2 E *

against scratching: 4 D *

* The surface test is performed based upon DIN 68861.





Photo: HGM Türenwerke, Rietberg



HDF HOMADUR® Door Skin Alu-Climate or Lead Inlay

In doors of the climate classes II and III, the HDF HOMADUR® boards contain a specially manufactured aluminium inlay (0.3 to 0.5 mm thickness) as a core. This acts as a moisture barrier and gives the Alu-Climate door a high rate of bending strength and dimensional stability.

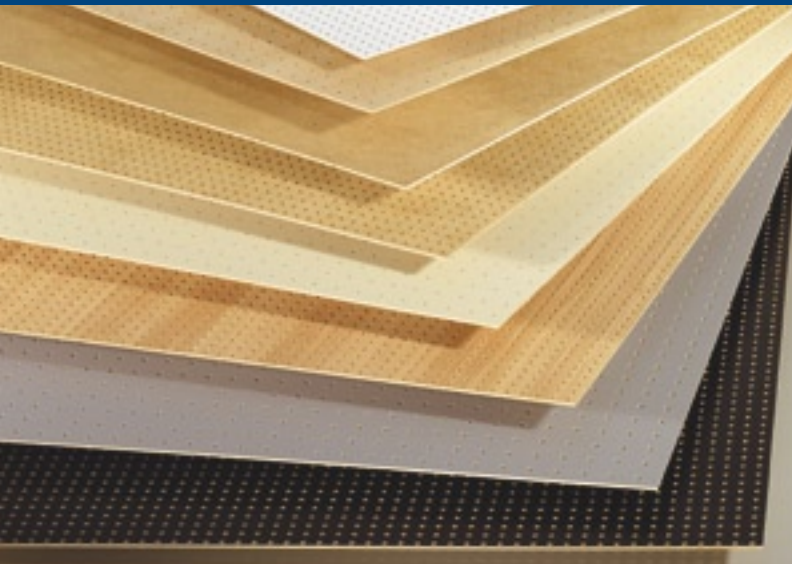
A lead insert (0.5 / 1.0 / 2.0 mm thickness) meets the requirements for radiation protection for doors on e.g. X-ray rooms.

The HDF HOMADUR® Door Skins Alu-Climate and Lead are available in the usual dimensions for doors.



Individual Variety:

HDF/MDF HOMADUR® Finishes



HDF HOMADEKO

HDF HOMADEKO wood fibre boards are available raw or lacquered on one or both sides. They are used in interior design, shop-building etc. as sound and heat-insulating elements. These versatile boards can also be used as air-circulating separating walls or for the presentation of goods.

Technical Data HDF HOMADEKO

Thickness: 2.0 to 5.0 mm

Formats: 2600 x 1000 mm
2000 x 1300 mm
cut to sizes upon request

Hole diameter and hole spacing:

Type A: Ø approx. 5 mm, spacing 15 mm
Type B: Ø approx. 3 mm, spacing 25 mm
Type C: Ø approx. 5 mm, spacing 25 mm
Type D: Ø approx. 5 mm, spacing 12.5 mm
Type E: Ø approx. 5 mm, spacing 7.5 mm

The geometrical arrangement of the holes varies depending on the hole spacing and diameter.



HDF/MDF HOMADUR® Fold

HDF/MDF HOMADUR® Fold boards are for the optimisation of packaging units – especially for DIY furniture. With the application of hot-melt adhesive in five different colours or of adhesive tape, they become a folding backpanel for furniture. They are available with single folding or double folding.





HOMANIT

All HDF/MDF HOMADUR® wood fibreboards – raw, lacquered with uni colours or printed with Wood Grain Decors – can be processed with a wide variety of technical solutions at our finishing centres:

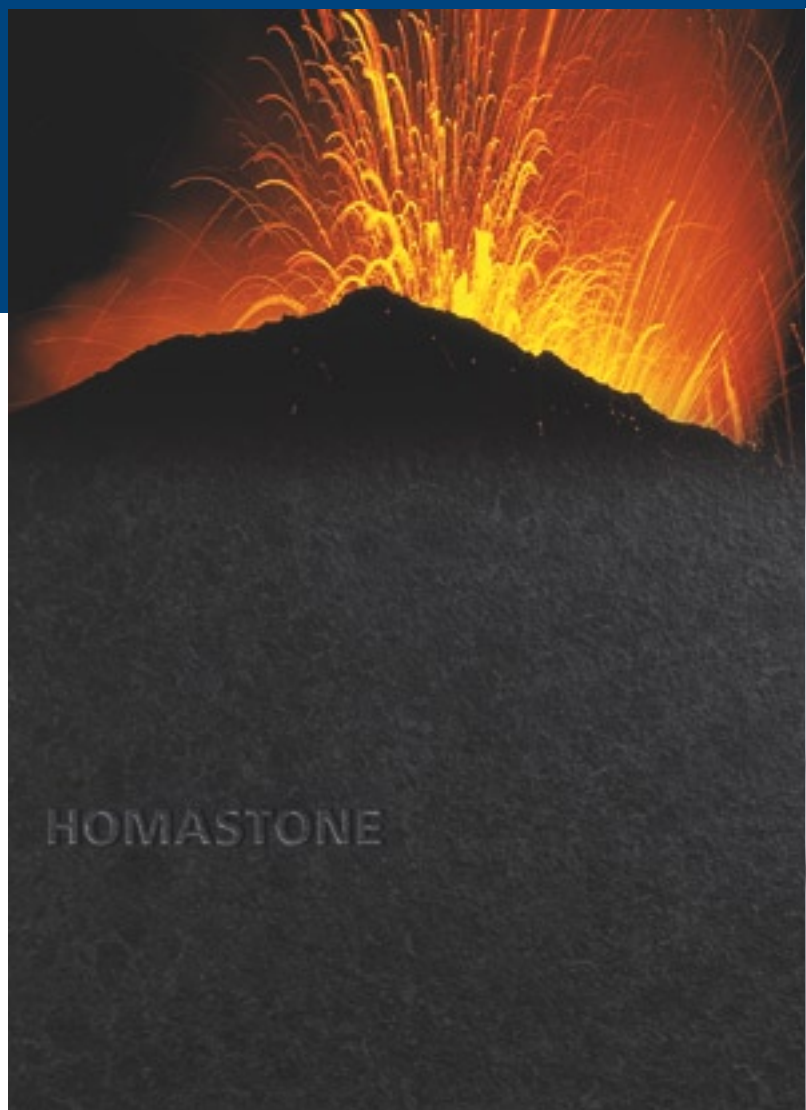
- bevelling
- drilling
- folding
- milling
- notching
- cut to size.

See, touch,
be amazed...

HOMASTONE

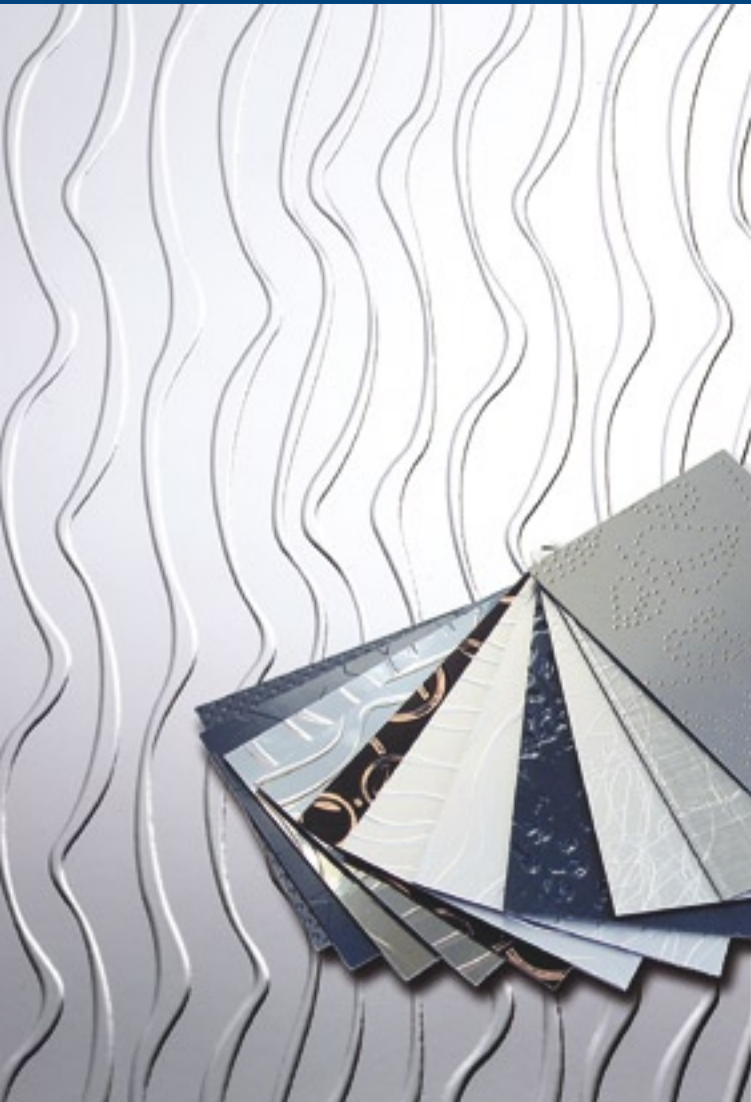
...and get your inspiration from the innovative HOMASTONE textured laminate (HPL). The appearance of this innovative surface, which can hardly be distinguished from real stone, combined with a very pleasant haptic structure opens up entirely new dimensions in furniture design and commercial construction. Especially when applied vertically, real stone slabs are usually too heavy, too expensive and too difficult to process. HOMASTONE is a textured laminate (HPL) that can be pressed onto various base materials. It fits perfectly to curves, is light, and easy to work with.

A uniform white balancer is available for all HOMASTONE textured laminates (HPL).



Created for vertical interior use, the HOMASTONE textured laminate (HPL) is available in the dimension 3050 x 1220 mm in six different, artificial stone decors. Other dimensions and thicknesses are available upon request.

HOMASTONE can be combined perfectly with the real metal surfaces and the magnetic boards from HOMAPAL, as well as with the collection HOMAPAL HOLZ.



**More than just
a laminate...**

HOMAPAL

**HOMAPAL laminates (HPL) –
in Germany exclusively available
from HOMANIT!**

Laminates that offer the unexpected,
namely genuine metal: aluminium,
copper, brass and stainless steel with
extraordinary embossing and
exclusive finish for elegant
and high-quality interiors.
More than 85 different decors
are available from stock.

The inimitable effect of a real wood
surface combined with the advantages
of HPL laminates characterises the new
product line HOMAPAL HOLZ. The
collection comprises 43 different decors
with three different surface finishes.

The magnetic boards from HOMAPAL
keep their promise. They are distingu-
ished by their particularly strong adhe-
sive force. 14 decors are available from
stock.



**For more information
please visit our
websites:**

www.homapal.de

www.homanit.de





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