



 **LG Hausys**

[www.himacs.eu](http://www.himacs.eu)

# HI-MACS<sup>®</sup>

**The HI-MACS Structura<sup>®</sup>-Collection**

Innovation and technology by LG Hausys



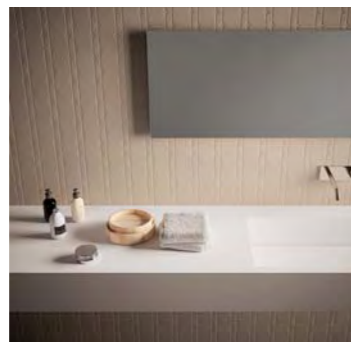
Natural Acrylic Stone<sup>™</sup>



## The next dimension in texture design: HI-MACS Structura® gives you limitless new possibilities!

The All New HI-MACS Structura® surfaces have a 3D textured appearance. They have a better finish and can be more cost effective than a CNC produced panel.

HI-MACS Structura® is sure to cause a stir when used as wall cladding, as seen here in this luxury spa. HI-MACS Structura® is also outstanding when used for showers and wet-rooms.



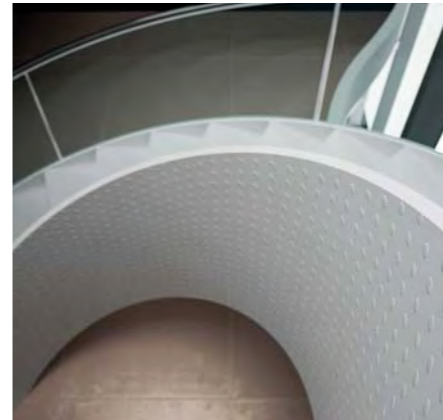
HI-MACS Structura® is available as standard in ten attractive finishes, however the technology also enables you to transform your individual design into a bespoke sheet of HI-MACS Structura®.

Have you ever wanted to offer a textured surface, one that required a high level of craftsmanship? Now, thanks to new HI-MACS Structura® technology, HI-MACS® can take on virtually any pattern – and do so with the utmost precision. Choose from either the ten standard surfaces available, or design your HI-MACS Structura® product yourself to meet the needs of your project design.

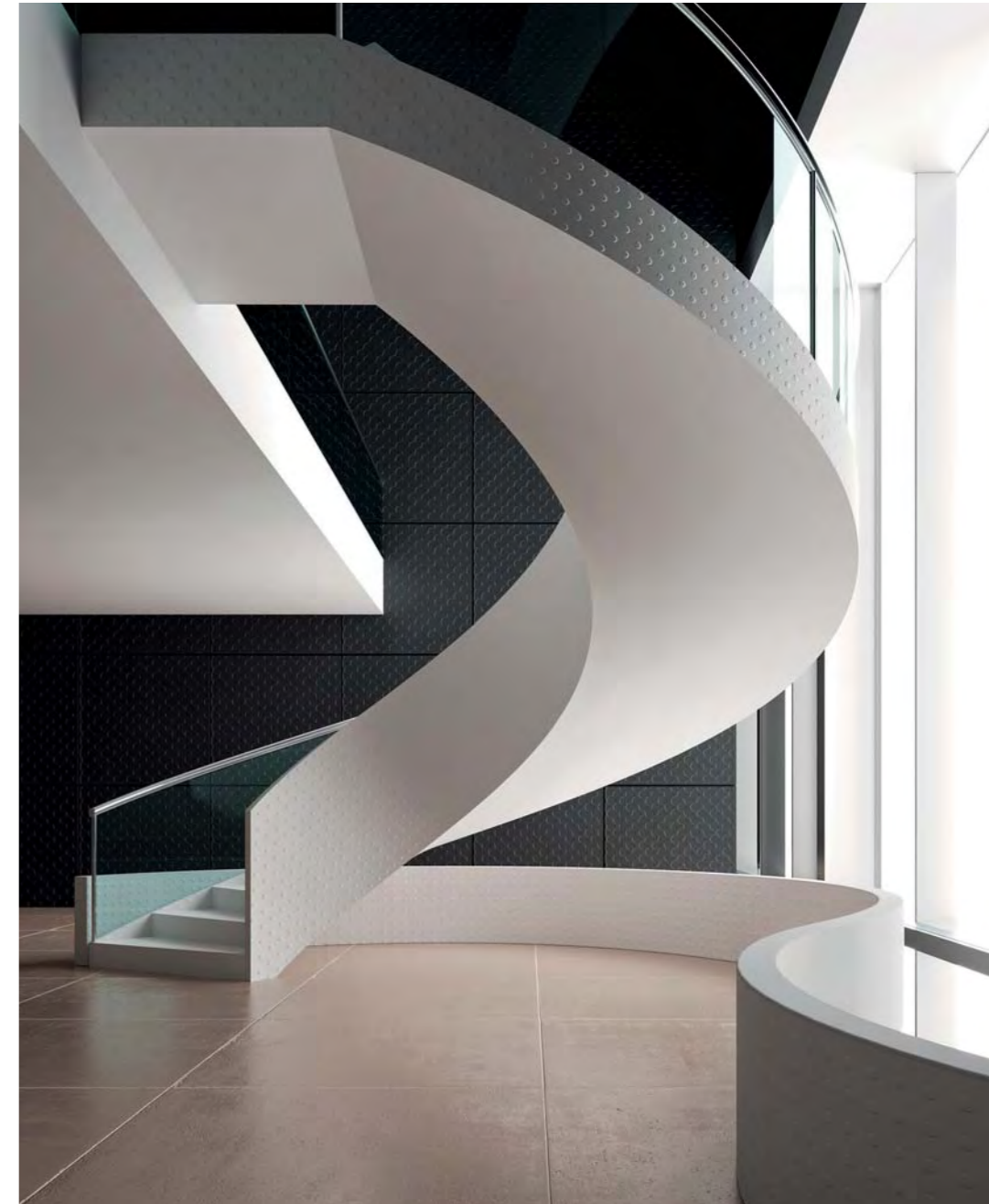
Wherever you want to add form to your design: indoors, outdoors, walls and more.



HI-MACS Structura® is ideal for use outside as a facade. Large scale patterns can create a dramatic effect, visible from a distance.



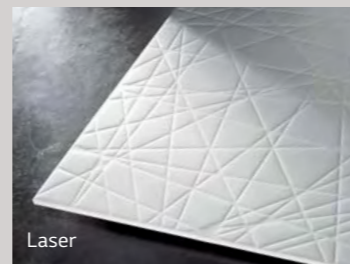
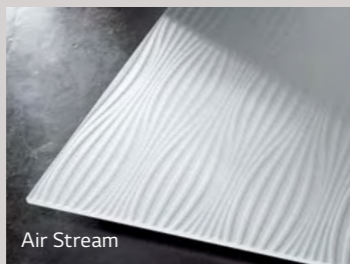
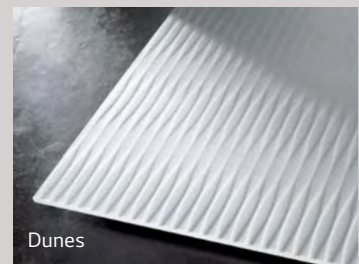
HI-MACS Structura® can also be thermoformed. However depending on the pattern and design, a limited radius and curve direction must be observed.



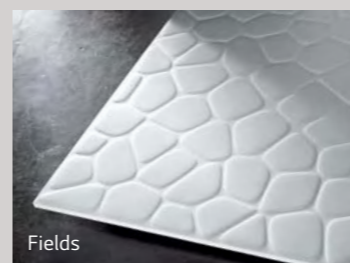
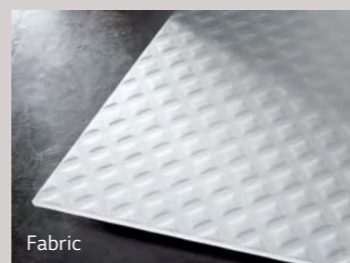
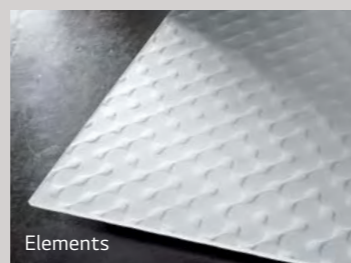
### The ten standard HI-MACS Structura® designs.

These ten attractive surface designs provide a perfect base for limitless design ideas: minimalist and graphic like Classic, with dynamic lines like Air Stream or, like Zen, with a surface reminiscent of ingrained pebbles. HI-MACS Structura® offers one more dimension than conventional sheet material.

Photographed by Rafael Krötz



For details on how to achieve full synchronisation with each of the HI-MACS Structura® patterns please refer to your local representative and individual fabrication guidelines.



# A winner from the beginning

HI-MACS Structura® was awarded the prestigious archiproduct DESIGN AWARD 2017 in the Components and Materials category for its outstanding quality in aesthetics, material and workmanship.



Design: Kepenek GmbH – Team: Mia Kepenek, Isabell Gatzert, Switzerland – Fabrication: Strasser AG Thun – Georg Ackermann GmbH – HI-MACS® Supplier: Klöpfer Surfaces, Germany

The side table "Trace" from the Swiss brand strasserthun has won the renowned German Design Award. The characteristic table legs are made of HI-MACS Structura®. The design of the table and the patterned HI-MACS Structura® surface comes from the designers Kepenek GmbH.



# Technical information

Prior to ordering, it is imperative that you consider the general technical requirements of HI-MACS Structura® technology. Your consultant will be happy to answer your questions at any time.

## Available sheet formats

SHEET THICKNESS IN MM	SHEET WIDTH IN MM	SHEET LENGTH IN MM	SHEETS PRO PALETTE	COLOUR
12	760	3050	15	S028 Alpine White S006 Arctic White S001 Satin White S005 Grey S009 Cream S022 Black S025 Fiery Red S029 Ivory White S033 Nordic White S034 Diamond White
9	760	3050	20	S028 Alpine White
6	760	2490	30	S028 Alpine White

## Embossing depth per format

SPECIFICATION	UNIT	HI-MACS® 12MM			HI-MACS® 9MM			HI-MACS® 6MM		
		S028 Alpine White			S028 Alpine White			S028 Alpine White		
Colour		length	width	thickness	length	width	thickness	length	width	thickness
Size Sheet	mm	3048	763	12	3049	764	9	2497	765	6
Size Embossing	mm	3061	771	12,1	3064	769	9,1	2507	771	6,1
Variation	%	0,43	1,05	0,83	0,49	0,65	1,11	0,40	0,78	1,67
Depth Embossing	mm	1,0 - 2,5 mm			1,0 - 2,5 mm			1,0 - 2,5 mm		

The formats can vary slightly due to temperature fluctuations.

# Colours

HI-MACS Structura® products are currently only available in the following shades from the Solid Collection.

Nordic White S033 [12 mm] Δ E5	Alpine White S028 [12/9/6 mm] Δ E5	Diamond White S034 [12 mm] Δ E5	Arctic White S006 [12 mm]	Satin White S001 [12 mm]	Ivory White S029 [12 mm] Δ E5	Cream S009 [12 mm] Δ E5	Grey S005 [12 mm]
		HI-MACS Structura® Hive is not available in Fiery Red and Black.					
Fiery Red S025 [12 mm]	Black S022 [12 mm]						

\* The basic HI-MACS® material is identical for every colour but it is important to note that darker and more heavily pigmented colours will show dust, scratches, haziness, marks left by hard water and other ordinary wear and tear more than lighter textured colours. Therefore colours marked with a \* are less suitable for applications that are exposed to extensive surface contact such as worktops located in heavy traffic area.

☀ Some HI-MACS® colours are particularly suitable for outdoor applications because of their good UV-resistance. HI-MACS® offers a 10 Year Warranty on colours' UV resistance and loss of gloss over 40%, 10 Year Warranty on colour leaching and 20 Year Warranty on colour peeling, swelling or delaminating. The warranty is applicable after the first installation and is only valid for the sheet material; adhesives are excluded. The conditions for this warranty are based on practical experience and on-going tests.

There may be differences between the illustrated and actual colours owing to printing techniques. For samples please contact us at [himacs.eu](http://himacs.eu).

Please feel free to contact us  
for further information.

HI-MACS®. Because Quality Wins.

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himacs.eu



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