

The brand new
HI-MACS Structura[®]-Collection
Innovation and technology
by LG Hausys



LG Hausys introduces its new textured HI-MACS[®] material, bringing solid surfaces to a new level.



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.



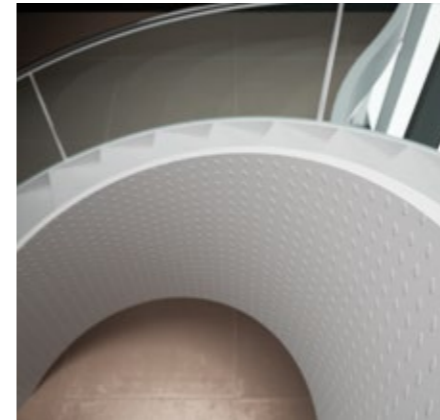
HI-MACS Structura® is available as standard in ten attractive finishes, however the technology also enables you to transform your individual design into a bespoke sheet of HI-MACS Structura®.

Have you always 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 either from the ten standard surfaces available or design your HI-MACS Structura® product yourself to meet the needs of your project design.

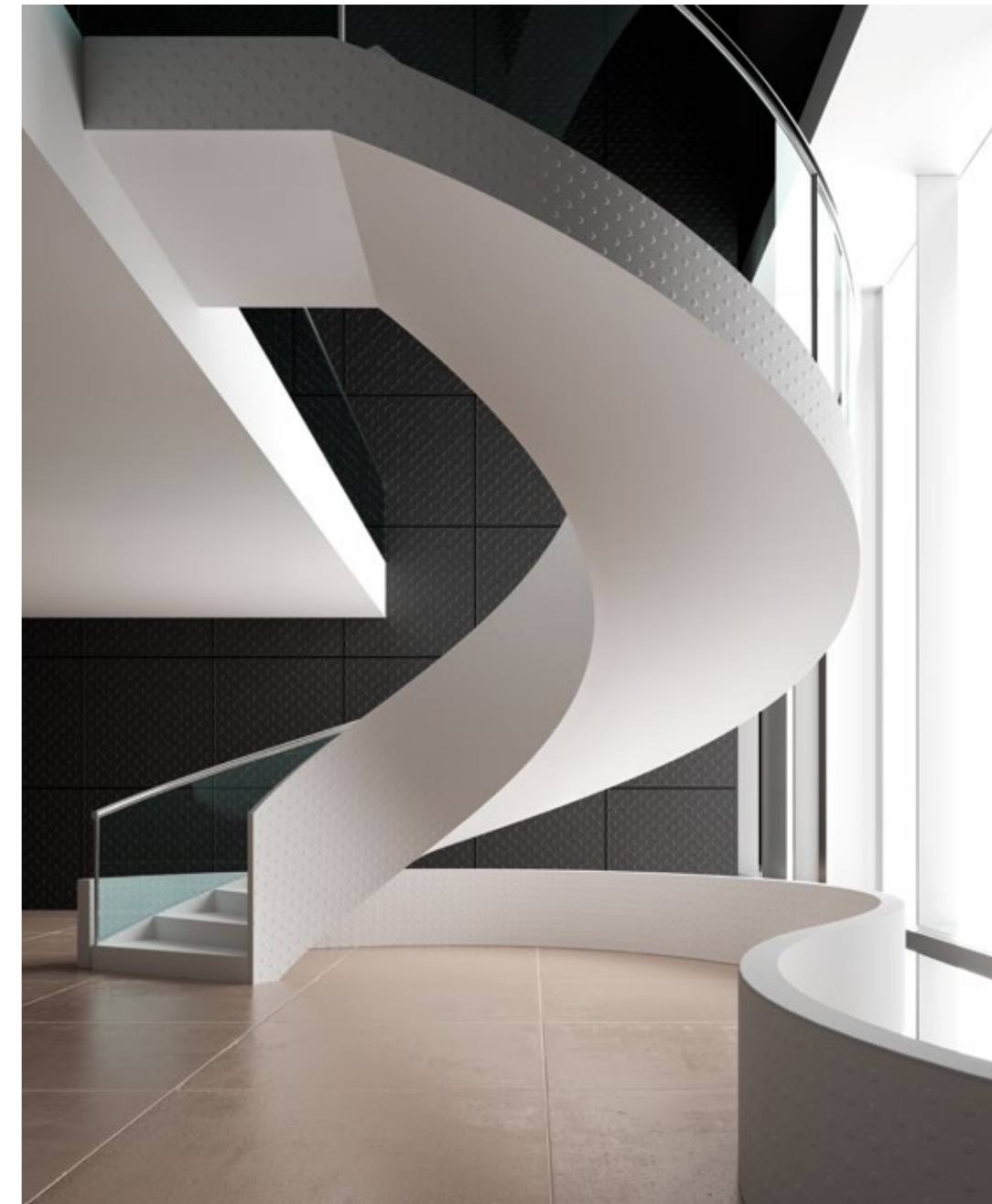
Wherever you want to add form to your design: indoors, outdoors, walls and more.



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



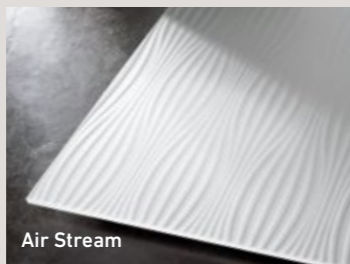
HI-MACS Structura® can be thermoformed. Depending on the pattern and design, a limited radius and curve direction have to be considered.



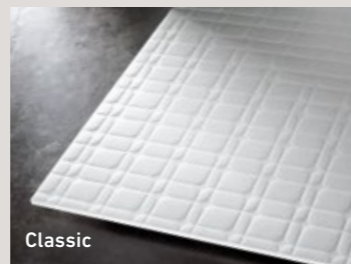
Photographed by Rafael Krötz



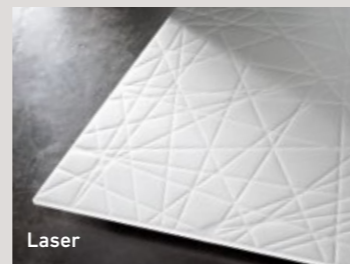
Dunes



Air Stream



Classic



Laser



Hive

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.

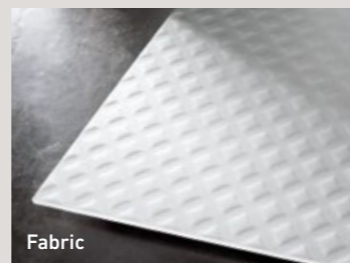
For details on how to achieve full synchronisation with each of the HI-MACS Structura® patterns please refer to your local representative and individual fabrication guidelines.



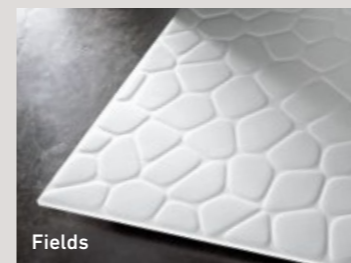
Dots



Elements



Fabric



Fields



Zen

For bespoke designs, these standard sheets are just the starting point as to how your idea might look.

Design your own pattern!

The design you have always wanted is now available in HI-MACS®.

You can now create your own unique design with HI-MACS Structura®, and it couldn't be simpler. There's almost no limit to your imagination and our production experts will carefully check in advance that your project idea is feasible.

The four steps to your individual HI-MACS Structura® product:

1. Your individual design

Send your sales partner your 2D technical drawing, in 1:1 scale.

2. Checking by our production experts

Your design is then passed to our production experts for checking. You'll either get a green light and your design will be approved for production or our experts will advise what adaptations are necessary to make your design a reality.

Duration: approx. 10 working days

3. Production of a sample

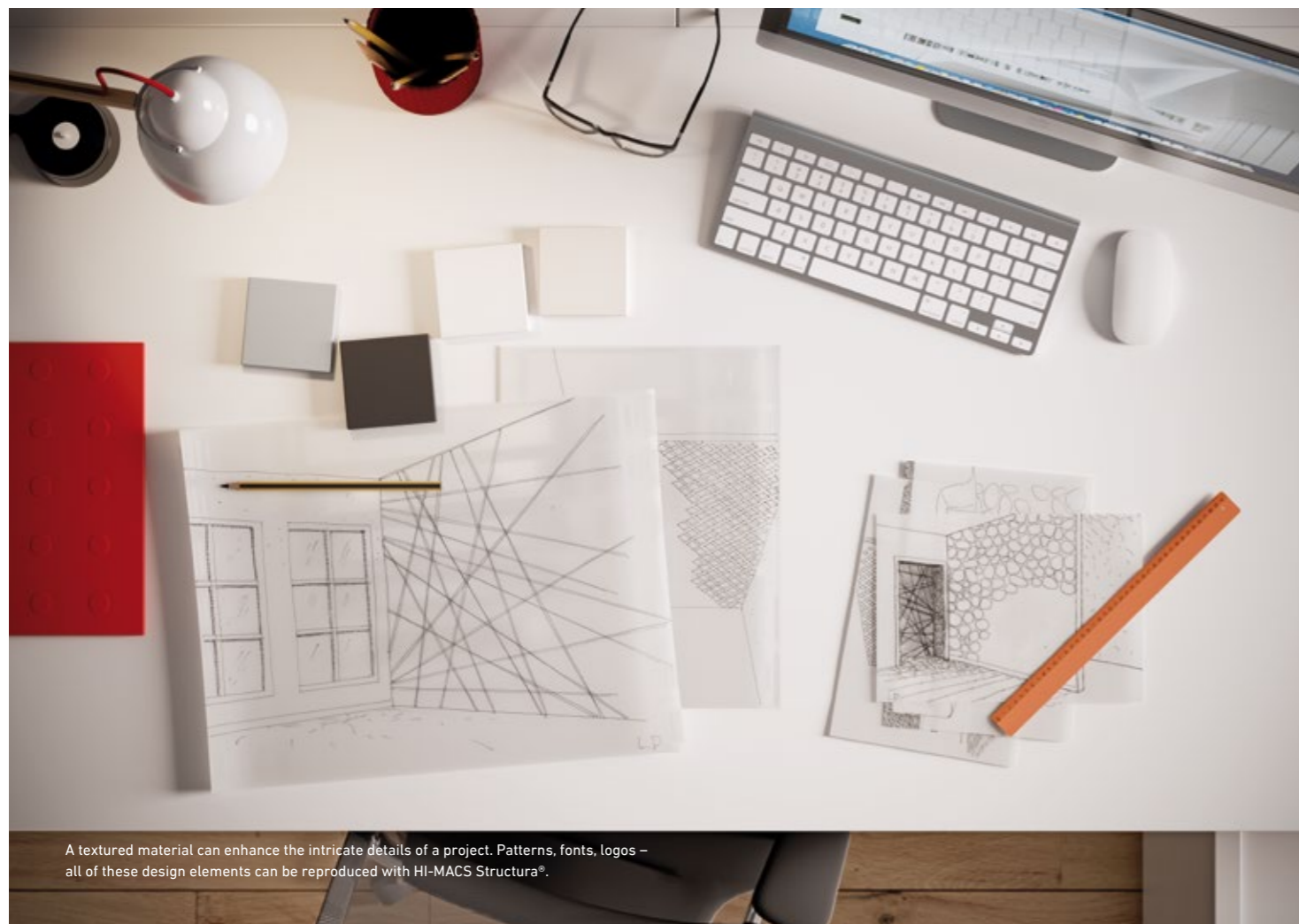
An A4 sample will be produced for final sign-off.

Duration: approx. 8 working days

4. Production of your individual HI-MACS Structura® product

Production of your HI-MACS Structura® products starts as soon as the sample has been approved.

Duration: approximately 6 weeks – please request confirmation of the delivery time with production volumes of more than 250 sqm.



A textured material can enhance the intricate details of a project. Patterns, fonts, logos – all of these design elements can be reproduced with HI-MACS Structura®.

Technical information

Prior to ordering, it is imperative that you consider the general technical requirements of HI-MACS Structura® technology. Your consultant would 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		
Colour		S028 Alpine White			S028 Alpine White			S028 Alpine White		
		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 offered in the following shades from the Solid Collection.



* 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 5 Year Warranty on colours' UV resistance for a tolerance of ΔE3 to ΔE4 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.

Please feel free to contact us for further information.

HI-MACS®. Because Quality Wins.

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himacs.eu



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