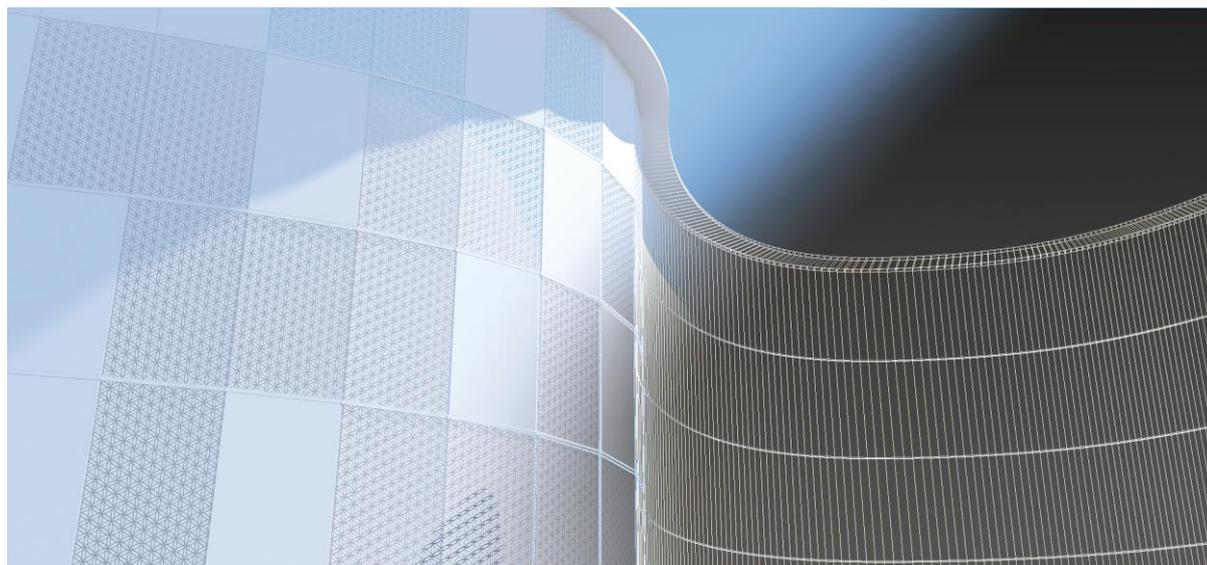


HI-MACS Exteria® - building's exteriors will never be the same



For many years now, spectacular façades have been made from HI-MACS® all over the world. Iconic architecture has come to life as the **Leonardo Glass Cube** in Germany or the **Beneteau HQ's** façade in France, among many others. In doing so, the advantages are often skilfully staged: Relief milling surfaces, walls with company logos integrated in the surface, combined with spectacular light effects and curvy designs. And every good design inspires even greater projects.

LG Hausys is now expanding exterior possibilities with a new and outdoor dedicated product family: HI-MACS Exteria®.

The new product category includes **HI-MACS®-FR**; which has offered increased fire resistance for many years – the first solid surface formulation to receive the **ETA certification for public building facades**.

Now, a new advanced formulation is available for façade architects and builders, **HI-MACS® S828, a new formulation offering better UV resistance**, which is particularly important when the façade is exposed to high levels of sunlight.

Thanks to this new formulation, HI-MACS® has obtained the **French QB certification and CSTB (Centre Scientifique et Technique du Bâtiment) ATec "Avis Technique"** for facade applications, earning recognition for its outstanding quality.

CSTB certification requires a thorough and demanding 2-year process that involves assessments on 25 different criteria requirements on each product's performance against severe wind pressure, fire, earthquakes, external impact/shock, and other scenarios that can potentially compromise the durability of components. Not only that, it examines how each product is manufactured and installed

to make sure every certified product meets the standard requirements for construction materials used in France.

HI-MACS® scored particularly well in terms of design, installation technology, reliability and quality. Given the fact that exterior building materials tend to be exposed directly to external (outdoor) elements, they require better durability, weatherproofing, and fire safety. HI-MACS® was able to earn the CSTB certificate due in large part to HI-MACS®'s ability to check all boxes in those areas.

HI-MACS®. Because Quality Wins.



Project credits:

- 1. Fort Kinnaird's Retail Park** - Location: Newcraighall, Edinburgh - Architect: Leonard Design Architects - HI-MACS® Fabrication: Independent Furniture and Interiors, Glasgow - HI-MACS® Supplier: James Latham - Material: HI-MACS® S302 Opal and S034 Diamond White - Photos: © Mark Runnacles Photography
- 2. Sokcho Housing [in White]** – Location: Sokcho, Republic of Korea - Design AEV Architectures - Woojin LIM – Material: HI-MACS® Alpine White – Photos: © AEV Architectures - Hyunjune Lee
- 3. A spectacular home made with HI-MACS® on the French Riviera** – Location : Cannes, France – Design: Pierre Guidoni, Jean Rogliano – Fabrication: Menuiserie Bareau, France – Material: HI-MACS® S09 Cream – Photos: © Mathieu Ducros
- 4. Façade Bieblova** – Location: Prague, Czech Republic – Design: P6PA+Architects, s.r.o. – Engineering: Ondřej Šteger, Martin Wolf, Rostislav Koziel – Fabrication: Dřevovýroba Podzimek s.r.o., Duolit s.r.o., Atlas Group s.r.o. – HI-MACS® supplier: Polytrade CE - Material: HI-MACS® Alpine White 12 mm – Photos: © Miguel Alonso

HI-MACS® by LG Hausys

www.himacs.eu

HI-MACS® is a solid surface material that can be moulded into any shape. It is widely used for architectural and interior applications, such as sculptural and high performance wall-cladding or kitchen, bathroom and furniture surfaces, in commercial, residential and public space projects. It is composed of minerals, acrylic and natural pigments that come together to provide a smooth, non-porous and visually seamless surface which meets the highest standards for aesthetics, fabrication, functionality and hygiene – offering manifold advantages over conventional materials.

HI-MACS® provides limitless possibilities for surfacing solutions and inspires creative minds from all over the world. **Zaha Hadid, Jean Nouvel, Rafael Moneo, Karim Rashid, Marcel Wanders** and **David Chipperfield**, among others, have completed fabulous projects using HI-MACS®.

At the forefront of innovation as always, LG Hausys recently introduced two new products. First **HI-MACS Structura®**, a 3D textured panel material that takes solid surface opportunities to a new level. And also **HI-MACS® Ultra-Thermoforming**, an innovative formula that pushes the boundaries of solid surface shaping to a whole new level, with 30% more thermoplastic capabilities - the biggest innovation for the Solid Surface history since its inception in 1967.

LG Hausys' HI-MACS® uses a simple heating process to give three-dimensional thermoplastic forming capabilities, allows visually seamless designs, offers a virtually limitless range of colours and – for some shades - exhibits a special translucency when exposed to light. Although HI-MACS® is almost as robust as stone, it can be worked in a similar way as wood: it can be sawn, routed, drilled or sanded.

HI-MACS® is manufactured using a new generation technology, the **thermal cure**. The temperature reached during the manufacturing process sets HI-MACS® apart from other solid surfaces and creates a denser, even more homogeneous, sturdy, durable surface – with a better resistance and superior thermoforming performance.

HI-MACS® does not absorb humidity, is highly resistant to stains, and is easy to clean, maintain and repair.

Countless internationally recognized certificates attest to the quality of HI-MACS® in terms of ecological commitment, hygiene and fire resistance – being the first Solid Surface in the market to receive the official **European Technical Approval (ETA) for façades** – for Alpine White S728 colour. Furthermore, HI-MACS® has obtained the French **QB certification** and **CSTB ATec “Avis Technique”** for facade applications.

HI-MACS® offers a 15-year warranty for products fabricated by a Quality Club Member.



HI-MACS®. Because Quality Wins.

For more information and to stay connected, visit our [website](http://www.himacs.eu) and our [newsroom](#).

Let's connect!



* **HI-MACS®** is designed and produced by **LG HAUSYS**, a world leader in the technology sector belonging to LG Group, and distributed by **LG HAUSYS EUROPE** based in Frankfurt (Germany).

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High resolution images available: www.himacs.eu/newsroom