

HI-MACS® focuses on sustainability with new recycled colours



Always innovative, always one step ahead, HI-MACS® is making strides in sustainability with a selection of new recycled colours. The design world today demands healthy, environmentally friendly materials and products and it is with this in mind that HI-MACS® is moving forward with its latest range of natural colours that are high impact in aesthetics yet low impact in environmental cost. **There are three new colours for the Granite collection (Cotton Field, Windy Hill and Highland) and three existing colours from the Volcanics range (Santa Ana, Tambora and Gemini), all of which have been certified by the Scientific Certification Systems (SCS) for stated recycled content.** Durable, colourfast and easy to maintain, the stone-effect Granite designs are perfect for all surface finishes, in everything from kitchens, bathrooms and wet rooms to retail and commercial interiors, while the Volcanics palette is more akin to a precious natural stone, bringing a luxurious look to any scheme. The Eden Plus special order collection is also part of the sustainable offering, featuring six colours containing recycled content, so there is something for every design style and solution.

These new Natural Acrylic Stone finishes are ideal for any domestic or commercial project especially in the construction industry where sustainability is a keyword for eco design and build. The new recycled colour collection can help specifiers, architects and builders obtain Leadership in Energy and Environmental Design (LEED®) accreditation for sustainable

design and all recycled HI-MACS® colours have the Greenguard Gold Indoor Air Quality Certificate. This latest launch is just one way in which LG Hausys is making continuous efforts to provide sustainability within its product range. Thanks to HI-MACS® durability, combined with its intrinsic properties, its longevity means reduced waste over the years, and any off-cuts can simply be used elsewhere, allowing for fabrication with virtually no waste to landfill. HI-MACS® is renowned for its many international certificates, exceptional hygienic performance, high indoor air quality and emission-free construction. Now it is also an eco choice, which can contribute easily and effortlessly to green building projects.

These new sustainable HI-MACS® colours contain up to 16% recycled material but the eco process doesn't end there. All HI-MACS® products are made in accordance with the environmental standard ISO 14001 and the company itself undergoes regular environmental and energy consumption analysis with published results. The findings are always incorporated into its sustainability strategy and taken into consideration when applying its reduction targets. Made from a mix of minerals, acrylic and natural pigments, solid surface HI-MACS® is proud to announce its latest colour collection, which takes the company one step further in its aim to become ever more sustainable and environmentally friendly.

There are plenty of added benefits to using HI-MACS®. It has no VOC emissions and is formaldehyde and nanoparticle free. The result is a seamlessly joined solid surface that will elevate any project into something truly special.





HI-MACS® Santa Ana VA01



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.

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* 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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