

HI-MACS®
Natural Acrylic Stone™



LG Hausys

HI-MACS® Solid Surface

WHEN KNOW-HOW, QUALITY AND BEGUILING APPEAL ALL MERGE INTO ONE

HI-MACS® is the latest generation Solid Surface material. It is a cutting-edge non-porous material designed for a multitude of uses. Containing 70% bauxite (natural stone powder), 25% acrylic resin and 5% natural pigments, the **HI-MACS® solid surface teams refined appearance, flexibility and creativity.** Its sturdiness and versatility make it the ideal material for a multitude of applications. Whether for domestic use, commercial premises or decorative objects, this revolutionary acrylic stone leaves room for your creativity and now makes it possible to create projects, designs and shapes which were previously impossible. A host of qualities make the **HI-MACS®** solid surface a **unique architectural feature.**

ARCHITECTS AND DESIGNERS TRUST HI-MACS®

HI-MACS® has been used by some of the most prestigious companies, and by a large number of famous architects and designers, the likes of **Zaha Hadid, Jean Nouvel, David Chipperfield, Ron Arad, Marc Newson, Elke Delugan Meissl and Joaquín Torres.** The Prado museum and Hotel Puerta América in Spain, the Leonardo Glass Cube and the Porsche museum in Germany, as well as the Zara flagship boutique in Westfield shopping centre in London are just some of the remarkable projects made with **HI-MACS®.**

HI-MACS®: A SINGLE MATERIAL, INFINITE QUALITIES

Almost as hard as stone, non-porous, resistant to wear, to normal heat and to common stains, the **HI-MACS®** solid surface material can be cut, shaped, sawed, milled, polished, drilled and sculpted as easily as wood, using the same tools. In addition, it can be assembled without any apparent joints and repaired invisibly. Thermoforming can be used to give it any particular shape.

A MATERIAL THAT IS TRANSLUCENT AND SENSUAL

The translucence of the **HI-MACS®** Solid Surface material (which is one of the characteristics of certain slab colours and thicknesses) makes it ideal for use in luminaires and illuminated cabinets. The structures or patterns incorporated into this new-generation acrylic stone make it possible to achieve different effects depending on the light source used, thereby creating a dreamlike universe filled with force, sensuality and lightness.

UNIQUE SHAPES THANKS TO THE THERMOFORMING PROCESS

HI-MACS® can easily be shaped into the gentlest 3D forms thanks to a process referred to as thermoforming. This property gives it greater flexibility in achieving a broader variety of shapes than conventional materials allow. Thus, all diameters are possible, all shapes can be formed and all angles can be imagined: the most spectacular designs immediately become a reality!

COMBINATIONS THAT TEAM ELEGANCE WITH SUCCESSFUL CONTRAST

Versatility is another of **HI-MACS®**'s strengths since it blends perfectly with other materials. Whether you need to combine the thoroughness of brushed stainless steel, the polished gleam of chrome, the supple appeal of leather, the transparency of glass or even the warmth of wood, **HI-MACS®** is the ideal partner for all types of projects.

DESIGN AND ECO- FRIENDLINESS CATERING TO THE ENVIRONMENT

Owing to its resource-saving composition, to its manufacturing process which affords balanced energy usage, and to its processing which entails near-zero waste, **HI-MACS®** is an environmentally-friendly material.

HI-MACS®: ALL INDUSTRIES, EVERY POSSIBILITY

KITCHENS / HI-MACS® is perfect for culinary usage. Its smooth surface is very easy to clean, and has excellent resistance to heat and chemicals. In addition, this acrylic stone can be used both to make countertops and tables, as well as to cover appliances and cabinets. What's more, HI-MACS® offers an extensive range of sinks and kitchen bowls which can be incorporated into the worktop.



Marosi by Miton, Italy



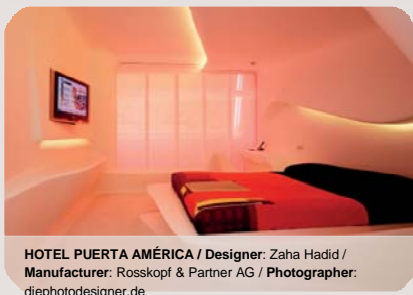
Designer: Lucia Karpitova/Manufacturer: Polytrade CE

BATHROOMS / With a truly unique look, its water-resistant surface and warm texture, HI-MACS® is ideal for use in bathrooms. Owing to its non-porous surface, this material is extremely hygienic and easy to care for. HI-MACS® offers a broad range of wash basins (wash basin = vanity top) in its range of products, which can be completed with special custom-made products.

SHOPS / For shop building, the resistance of this material is just as important as its styling qualities. HI-MACS® accommodates these criteria, and then some, and it also satisfies many other requirements such as durability and functionality, which are essential characteristics for all high-traffic areas used frequently by a demanding public.



OAKLEY STORE / Designer: Machado Arquitectos
Manufacturer: Industrias Arla SL / Photographer: Iñigo Bujedo Aguirre



HOTEL PUERTA AMÉRICA / Designer: Zaha Hadid /
Manufacturer: Roskopf & Partner AG / Photographer:
diephotodesigner.de

HOTELS / Interior furnishings made with HI-MACS® in a large number of famous hotels appeal first and foremost for their sobriety and elegance. This acrylic stone stands out for its excellent value for money, its durability and the multitude of possible applications. It is therefore no surprise that HI-MACS® proves just as indispensable for warm and avant-garde interior furnishings.

PUBLIC BUILDINGS / HI-MACS® makes it possible to enhance considerably the number of possible creations in terms of interior design and functionality of public buildings. Requirements are plenty in areas which witness the passing of a large number of visitors, specifically in terms of fire resistance. HI-MACS® is designed to meet this indispensable safety requirement.



Designer: Staffan Laughters / Manufacturer: Roskopf & Partner AG

HI-MACS®: ALL INDUSTRIES, EVERY POSSIBILITY

RESTAURANTS / Elegant, romantic, urban or featuring timeless glamour, with HI-MACS®, designers can create all settings imaginable. This Solid Surface material can be used to build hexagonal tables with internal lighting, counters with Baroque curves, thermoformed moulded seats and countless other objects. The properties of the material are as varied as the designers' desires.



DESTINO 56 / Designer: Nacho Moscardó / Manufacturer: Euprep SA



Designer: Zara Estudio / Manufacturer: Grupo Candido Hermida
Photographer: Marc Wilson

FAÇADES / The HI-MACS® acrylic stone is not only ideal for interior use. It is also highly prized in the construction of façades owing to its many benefits: on the one hand, graffiti does not hold on this acrylic stone due to its non-porous nature, and on the other its resistance to fire is certified by the M1 certificate, specifically for the Alpine White colour. What's more, the HI-MACS® Solid Surface material can withstand tough temperatures in all weather (UV rays for a selection of colours) and its thermoformability means it comes in a wide variety of very elegant shapes.

HEALTH/EDUCATION / Its assembly without any apparent joints, its non-porous surface, its resistance to dirt, to bacteria and to a large number of chemicals make HI-MACS® an extremely hygienic material, and consequently ideal for use in laboratories, operating theatres, healthcare facilities, universities and training facilities.



KLINIK EICHSTÄTT / Designer: H3, Lichtenau



ALIAS TABLE / Designer: Alberto Meda

DESIGNER FURNITURE / Shelving, tables, chairs or beds: HI-MACS® revolutionises the world of design with a surprising result. Whether classic or contemporary, all projects can come to life owing to a broad range of colours available, to the translucence and near-limitless thermoformability of HI-MACS®.

AIRPORTS / Airports are facilities which are subject to extreme stresses. Desks, counters and bag drop-offs are constantly in direct contact with users. The HI-MACS® acrylic stone is not only hygienic, but it is also pleasant to touch, highly resistant and easy to care for, thereby also accommodating the needs of public equipment.



BRNO AIRPORT / Design: Arch, Vladimír Ambroz
Manufacturer: A.M.O.S Design, Czech Republic / Photographer: Jan Bitter

HI-MACS®: A RANGE OF COLOURS WHICH GIVES YOUR IMAGINATION CARTE BLANCHE.

For a living area to be a true success, the choice of colours is just as important as the material used.

The HI-MACS® colour chart includes over 90 colours and a large number of innovative textures: elegant white, warm Toffee Brown, the mystical charm of black, the translucence of pastel shades or the textures with noble reflections. The HI-MACS® palette includes almost all existing colour ranges. It is available in several thicknesses: 3, 6, 9 and 12 millimetres and it also offers a broad range of sinks and basins.

The current trend: grey-brown shades with transparent grains and mother-of-pearl reflections, as well as sophisticated textures recalling top quality marble. But whatever your chosen colour, HI-MACS® is a perfectly uniform material, to allow you to create your own new trends, to give life back to your rooms, decorating them according to your desired ambiance.



Galaxy Its transparent grains and mother-of-pearl reflections carry you to a world filled with sparkle.



Marmo Captivating thanks to a noble texture recalling a top quality marble.

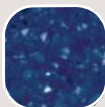


Lucent The translucence of pastel shades is teamed with the targeted use of light sources to give rise to some truly spectacular scenery.



Solids Elegant or extravagant, classic or contemporary.

A range of trendy hues which ranges from pop colours to the deepest, darkest black.



Volcanics Its deep colours imitate the asperities and beguiling appeal of a natural stone to fulfil the expectations of those who are passionate about natural décors.



Granite, Quartz, Sand & Pearl

A broad range of textures and colours. Natural, elegant and perfect for combining with other materials.



HI-MACS® IS IDEAL FOR ALL INDUSTRIES



HOTEL PUERTA AMÉRICA / Designer: Zaha Hadid /
Manufacturer: Roskopf & Partner AG / Photographer:
diephotodesigner.de

A masterpiece with HI-MACS® Hotel Puerta America in Madrid: What happens when 19 of the world's best architects and designers attempt to decorate a hotel together? The Silken hotel group invited the best international architects to embellish its hotel on Avenida de América in Madrid. Zaha Hadid, Jean Nouvel, Ron Arad, Marc Newson, as well as a large number of young designers joined the team with HI-MACS®. The result: twelve storeys of genuine masterpieces, combining the most differing shapes and styles with new materials and exceptional lighting concepts.

Prague airport,

Functionality and resistance are the key strengths of HI-MACS®

Thousands of passengers, countless items of luggage, a crowd of people in a hurry: Airports are often places exposed to extreme conditions. The city of Prague offered itself the very best in terms of technology by using the HI-MACS® Solid Surface material. All bag drop-off surfaces, partition walls and work surfaces in the airport are made of HI-MACS®. The control desk is also equipped with this Solid Surface material, which proved popular for its warmth, beguiling texture and extreme resistance.



BRNO AIRPORT / Design: Arch, Vladimír Ambroz
Manufacturer: A.M.O.S Design, Czech Republic

HI-MACS® IS IDEAL FOR ALL INDUSTRIES



When the beguiling appeal of HI-MACS® meets the expertise of an automotive giant

Porsche wanted to create a building worthy of the mythical make. A successful bet all the way! The Austrian architects' studio Delugan Meissl created a work of art which is both dynamic and monolithic, spanning 5,600m². In this new museum, visitors can admire the famous models of the Porsche make, as well as the creations in HI-MACS®, which emphasises with great success the luxuriously minimalist interior of the venue.

The stairway that appears to lose itself to infinity, the elegant reception desk, the glass display cases and the museum shop were all made with this Solid Surface material. Thanks to its assembly without any apparent joints and its soft yet resistant surface, HI-MACS® was the ideal partner to achieve such a stylish and functional success for this ambitious project.

Leonardo Glass Cube with HI-MACS®: a building from elsewhere.

On the site of the company from Westfalia Glaskoch, which markets glass products across the world, an unusual institutional building saw the light. For the first time in the world, an acrylic stone was successfully used to build a façade. The composition of this material was designed to be completely weatherproof and thus continuously ensure top quality. The result: a façade that appeals to the eye for both its style and functionality and offers spectators a new perception of space.



THE LG GROUP: AN UNDISPUTED WORLD LEADER

Established in 1947 in Seoul, Korea, the LG Group now boasts annual sales of \$104 billion in chemistry, electronics, telecommunications and services, and is now ranked as one of the leaders on the world market. LG designs a multitude of indispensable everyday products affording functionality, beguiling styling and environmental-friendliness.

LG Hausys (which HI-MACS® is part of) was set up following a spin-off of LG Chem dating back to 1st April 2009. The company employs over 3,500 staff across the world and includes 3 areas of activity: windows, highly functional materials/components and materials for interiors, such as HI-MACS®.

LG Hausys Europe is the regional head office of LG Hausys. The office was set up in 2002 in Geneva and it is incorporated into the HI-MACS® distribution and marketing system. The Solid Surface material is made in the factories situated in Cheongju (Korea) and Atlanta (USA).

Electronics

LG
Electronics
LG Display
LG Innotek

Chemicals

LG Hausys
LG Chem
LG Household &
Healthcare
LG Life Sciences

Telecommunications & Services

LG Telecom
LG Dacom
LG International
LG CNS

Press Office Europe • Mariana Fredes • LG Hausys Europe
12, avenue des Morgines • 1213 Petit-Lancy Geneva • Switzerland
Phone: +41 (0)22 879 54 83 • mfredes@himacs.eu
www.himacs.eu