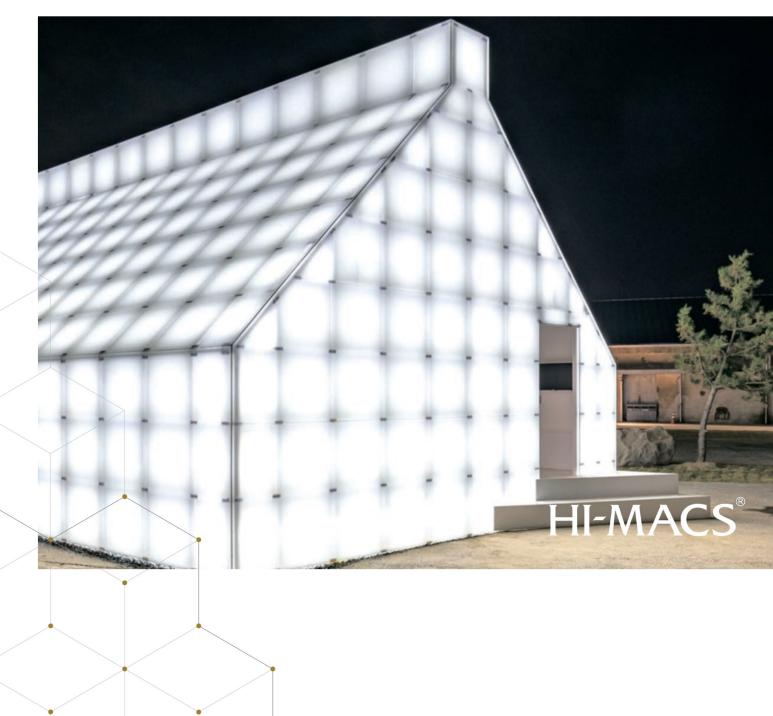
CITATAH

2022 CATALOG





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Published January 2021, color of acrylic solid surface in this publication may vary slightly due to the printing process, desktop, and mobile preview. Final color selection should be made from stone samples.

The detailed information in this publication may be modified or updated without prior notice.

HI·MACS

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Why CITATAH

LG Hausys' HI-MACS acrylic surfaces have become known as the industry standard, leading the field with cutting edge technology and processes that have resulted in the creation of one of the very few truly seamless surfaces in the market. Hi-MACS acrylic surfaces composed from acrylics, minerals, and natural pigments provide quality in all aspects from material performance to hygiene to environmental sustainability.

Citatah held have the exclusive distributorship rights to LG Hausys' revolutionary HI-MACS acrylic solid surfaces since 2021. Owing to their truly seamless capability, HI-MACS sees extensive use where hygiene is the priority, ranging from hospitals and clinics, to the classroom, and kitchens. In a testament to its truly flexible nature both in shaping, through and ultra-thermoforming techniques, placement, HI-MACS has been used as a material to line the cockpit and control panels of yachts and ships.

What is HI-MACS®?

An outstanding material.

HI-MACS[®] is a delicate composition of acrylic, minerals and natural pigments that combine to create a smooth, non porous, thermoformable and visually seamless surface.

The material meets the highest standards for quality in all respects: material performance, fabrication, functionality and hygiene. Thanks to these qualities and the outstanding flexibility in fabrication and design, HI-MACS[®] offers countless advantages over conventional materials.

And an ongoing inspiration.

We have gathered a number of projects here, all of which are capable of inspiring and creating a desire to tread new paths.

HI-MACS[®]. Because Quality Wins.



Quality is the longest warranty in the market.

We support our Quality Club Members with a 15 year warranty.

Quality is in our DNA.

HI-MACS[®] benefits from the high-tech infrastructure and development-experience of the LG Group who regularly bring stunning innovations to life. LG guarantees superior quality for all raw materials; the acrylic in HI-MACS® is produced by our own factories, certifying excellence from the source.

Quality is availablity.

We stock the entire colour and product range in one European central warehouse and 40 local warehouses in Europe.

Quality is worldwide support.

Full access to LG after-sales support and fabrication network worldwide.



Quality is an excellent network of highly skilled craftsmen.

BECAUSE

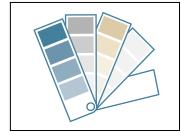
BECAUSE

WINS

Our highly skilled fabrication partners enjoy regular training to provide you with the best possible product. They have access to the best in class training material and support. The most skilled fabricators of HI-MACS® are easy to identify as they are certified members of the HI-MACS[®] Quality Club. Contact us for your nearest member.

The excellent qualities of HI-MACS® at a glance

Design



Huge colour spectrum

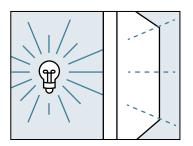


Three-dimensional design for

complete design freedom

0

Visually seamless joining of sheets and flush installation of sinks and basins

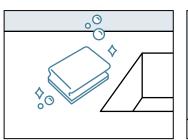


Spectacular light effects thanks to translucence

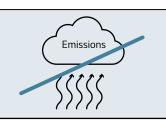
Performance



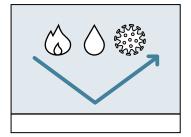
Robust and durable



Easy cleaning and exceptional hygiene properties

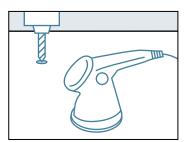


Free of emissions, formaldehyde and nanoparticles



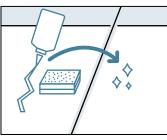
Fire-resistant, impervious to liquids and resistant to germs and chemicals

Fabrication

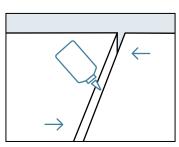


Easy to process with hardwood tools

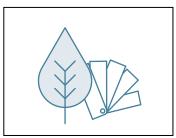
Sustainability



Easy to restore and repair



Off cuts can be reused reducing waste



Recycled colours available

Working with HI-MACS[®] is easy. Everything you need will already be in your workshop.



As a woodworking expert, you only need to open your workshop to find everything you need: talented craftsmen, and tools for working with hardwood. That's all you need to saw, drill and sand this material.

And if you have a pre-heating oven or a heating press, then you'll find it easy to heat the material for thermoforming. That's all there is to it: the carpentry workshop that once specialised in timber materials, is transformed in an instant into a company that can also offer modern stone products as well.

Welcome to the HI-MACS® Quality Club.

The members of the HI-MACS[®] Quality Club are our closest partners when it comes to working with the material and experiencing its tangible benefits:

- We train our partners with a comprehensive training programme, the best trainers and the best working manual.
- We cooperate closely with our Quality Club members on all material and work-related questions and guarantee comprehensive technical support.
- We also actively support our partners in sales, including forwarding specific project enquiries.
- Our partners benefit from our Europe-wide marketing and communication strategy: PR, traditional advertising, online communication, social media, as well as involvement in all the relevant industry events.
- Partners who belong to the HI-MACS[®] Quality Club are exclusively able to offer a 15-year material guarantee and thus gain a crucial competitive edge when pitching for projects.



Join the HI-MACS[®] Quality Club! Certify your fabrication expertise by taking part in our Training Programme and become a HI-MACS[®] Quality Club Member.



Those who think green create an entire eco-system.

LG is a global pioneer in ecologically responsible action and consistently demonstrates this attitude. From production to transport and disposal, HI-MACS® meets the highest ecological standards, making it the model pupil of its kind.

Quality means thinking about tomorrow today.

material composition: HI-MACS[®] consists of 67% natural minerals,
 30% finest acrylic and 3% natural colour pigments.

2. material safety: HI-MACS[®] is completely free of formaldehyde, VOC emissions and nanoparticles, ensuring particularly high indoor air quality.

3. manufacturing process: HI-MACS[®] is produced in an energy-efficient and resource-saving manner. This includes **consistent waste reduction**, **the recycling of pre-industrial off-cuts and water savings**. The production plants themselves – such as those in Cheongju (Korea) or Atlanta (USA) – also comply with all environmental guidelines.

4. logistics: Whether in transport or logistics, our selected **partners meet** the highest ecological standards.

5. processing: The material allows for virtually **waste-free processing**. In addition, HI-MACS[®] installations are extremely strong and durable. They can easily be renewed to their original appearance, meaning they don't have to be replaced, thus giving a **positive long-term environmental footprint**.

DGNB: German Sustainable Building Council [Deutsche Gesellschaft für Nachhaltiges Bauen] BREEAM: Building Research Establishment Environmental Assessment Method LEED: Leadership in Energy and Environmental Design 6. certificates, environmental product declarations and regular tests:



German Sustainable Building Council (DGNB)

HI-MACS[®] has achieved quality level 4 of 4 – the best rating – for the local environmental impact of the overall product (2018). The DGNB system is a holistic and unique certification system for sustainable construction.



P[®] Building Research Establishment Environmental Assessment re Method (BREEAM)

Among other ratings, the material complies with "Hea 02 Indoor Air Quality" for particularly good air quality. BREEAM is one of the world's most important global rating methods for sustainable architecture.



Leadership in Energy and Environmental Design (LEED)

Is a standard voluntary system to certify high performance of buildings, from the US Green Building Council (USGBC). LEED certifies buildings using a credit system. Architects and planners using HI-MACS® for their project can claim EQ Credit for Low-Emitting Materials with the category Indoor Environmental Quality (EQ).



Environmental Building Certificate – Grade "outstanding" The Korean Air Cleaning Association certifies that HI-MACS® complies with the Korean regulations for environmental

complies with the Korean regulations for environmental building materials.

You can find more information on this topic in our "The Sustainable Quality of HI-MACS®" brochure and on www.himacs.eu.

The colour choice for a positive ecological balance.

Sustainable design through consistent recycling.

With HI-MACS[®] you not only have an infinite number of different shades to choose from, but you can also opt for a particularly sustainable design thanks to our range of recycled colours.

HI-MACS® recycled colours are durable, colourfast, and easy to maintain. They offer the same outstanding properties and green credentials as our standard HI-MACS®, but in addition contains up to 16% of preconsumer recycled material and are certified by the SCS Global Services for stated recycled content.

- HI-MACS[®] recycled colours are also GREENGUARD* Certified for Indoor Air Quality.
- HI-MACS[®] recycled colours can provide LEED[®]** credits in sustainable design.

Natural and sustainable colours

LG Hausys has particularly environmentally friendly solutions in its product range: the colour palette of natural and earth recycled tones can be found on page 68.

- * Greenguard certification ensures that indoor products do not exceed the limits for chemical emissions.
- ** Leadership in Energy and Environmental Design (LEED) for more information see page 8.





HI-MACS[®]. The solid surface material for a particularly hygienic environment.

Especially suitable for decontamination of dangerous viruses such as HIV-1 and SARS-CoV-2

No chance for dirt and pathogens.

HI-MACS® is resistant to mould, dirt, viruses, bacteria and numerous chemicals and has been internationally certified*.



bacteria





Resistant to viruses

The hygienic properties of HI-MACS[®].

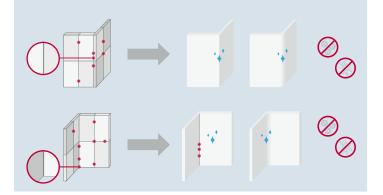
Seamless, easy-care finish

HI-MACS® has a smooth, scratch-resistant and pore-free surface: liquids and germs cannot penetrate. Seamless processing prevents bacteria or mould from settling and enables thorough and quick cleaning so that cross-contamination and germs during treatments have no chance.

UV-C Disinfection method

The UV-C method is a physical sterilization procedure that utilizes UV rays. It kills microorganisms such as germs, viruses and bacteria quickly and effectively. The unique properties of HI-MACS® S828 UV+ allow the use of this highly effective method.

Seamless production for easy cleaning.



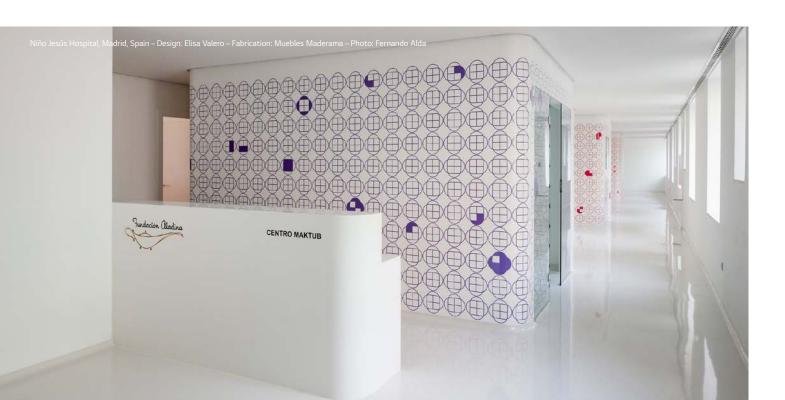
Chemical resistance

HI-MACS® can be maintained using the strongest detergents, from household chemicals to those used to clean operating theatres, while retaining a "like-new" appearance.

Functionality meets design

With its flexible formability and wide range of colours, HI-MACS® offers exceptional design possibilities and all the prerequisites for a sterile environment.

* certified by an independent laboratory, according to the international standards LGA and NSF



HOTEL G

THE HI-MACS[®] COLLECTIONS 2020

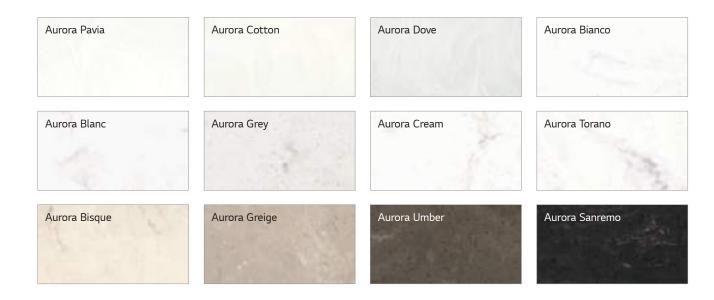
RA THE

More than the sum of the parts.

AURORA COLLECTION



The new Aurora Collection is inspired by the natural beauty of the Northern Lights. In brilliant waves over the sky the vibrant flow of Aurora Borealis is captured in these tones. With the semi-translucency of the colours Aurora Pavia and Aurora Cotton you can play with light effects giving dramatic results to integrate this natural phenomenon to your interior design.





CONCRETE COLLECTION



The industrial look of concrete combined with the incredible flexibility of HI-MACS[®]. The Concrete Collection adds huge opportunities for great designs to architects and designers.



INTENSE ULTRA COLLECTION

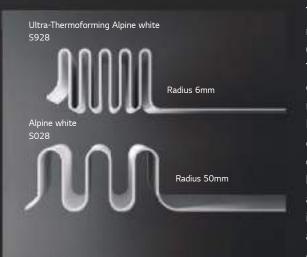
HI-MACS[®] Intense Ultra is based on a brand-new material formulation and combines Intense Colour technology with Ultra-thermoforming. Dark colours become more "intense", darker and also more resistant, with less visible scratches. The new HI-MACS[®] Intense Ultra, also has excellent thermoforming capabilities. This new formula allows the material to reach a very small internal radius, up to 6mm, with almost no whitening effect even when using dark colours.



HI-MACS[®] Ultra-Thermoforming: Extreme curves

Permanent Innovation is in Our DNA

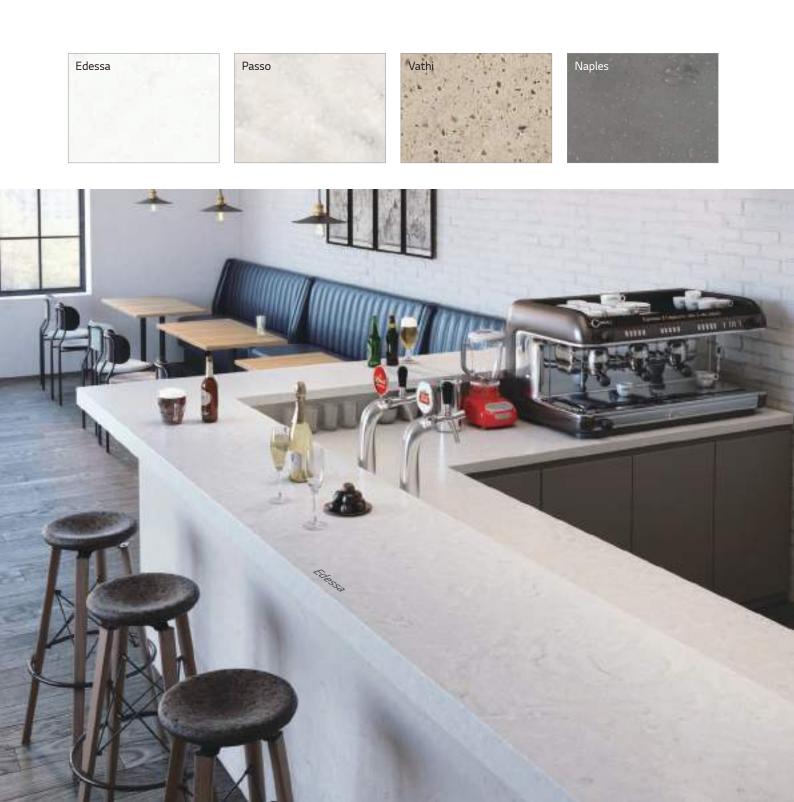




The HI-MACS[®] Ultra-Thermoforming formula allows for even more extreme curves. The minimum inner radius of 6 mm (usually 50 mm) offers a completely new design dimension. This product has 30% greater flexibility, which allows designers to create much sharper curves. Even the smallest radii can be created without affecting the material properties. Especially in furniture design, where it is often about filigree details, but also in the kitchen and bathroom, the new feature offers clear advantages: the radii of deep-drawn basins can be made significantly smaller, which improves the appearance and size of the basin. The new ultra-thermoforming quality in popular Alpine White is available in a thickness of 12 mm and can be used indoors and outdoors. The same warranty conditions apply as for all other HI-MACS[®] sheets.



Captivating random veined texture, reminiscent of marble.



VOLCANICS

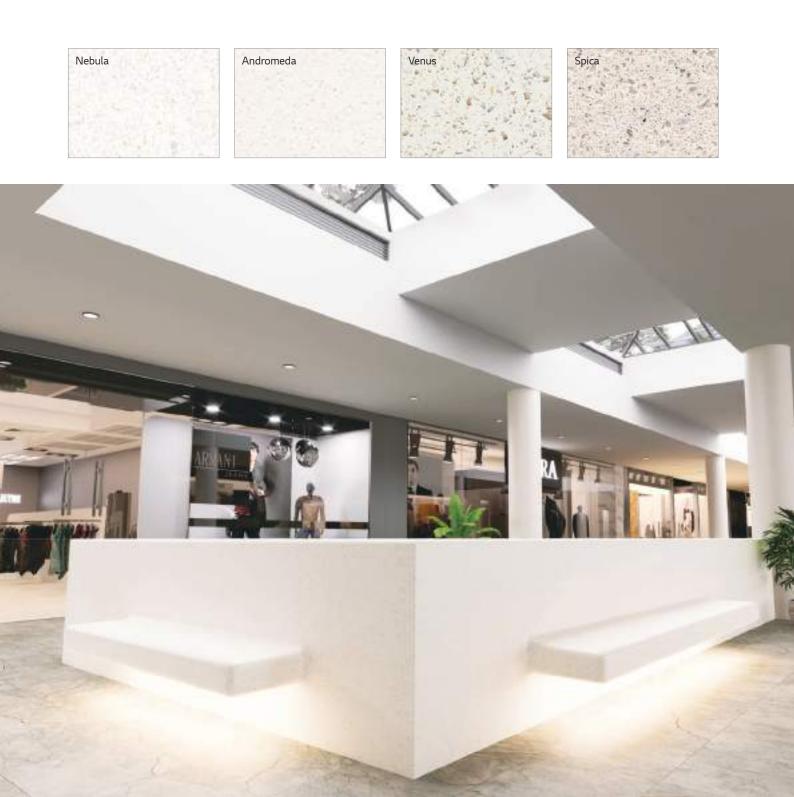
The large particles of the Volcanics shades add a sense of style to any design. When used on a large scale the result is a dramatic showpiece.





ASTER

Aster is a collection of elegant shades of grey, ranging from almost white to a warm beige, all with a gorgeous mother of pearl shimmer.



LUCENT

Translucency and effective use of light are decisive design elements of contemporary architecture - the shades of the Lucent Collection, with their exceptional light translucency, allow for spectacular designs. Whether effectively backlit or simply illuminated, the Lucent colours of the architecture always add an elegant touch thanks to their characteristic effect with light.

Opal	Sapphire	Ruby	Emerald



SOLID



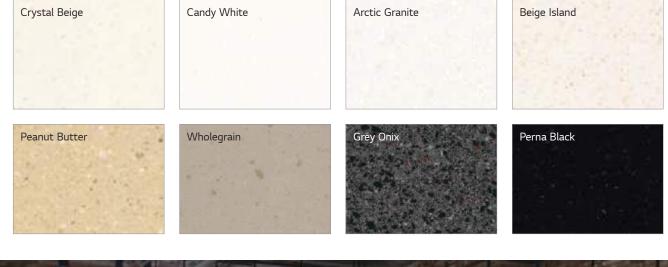
The classic in terms of solid surfaces - a wide range of attractive shades of white lies at the heart of this collection. Complemented by colourful, dynamic uni-shade accents from Banana to Festival Pink. The timeless collection offers the perfect colour for every design.





GRANITE

Ultimate elegance thanks to lively textures, harmoniously natural tones and maximum subtleness. The Granite collection is perfect either alone or in combination with other colours.





HI-MACS® PROJECTS

Great spaces and installations from all over the Globe.

La parte

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Public Buildings and Offices

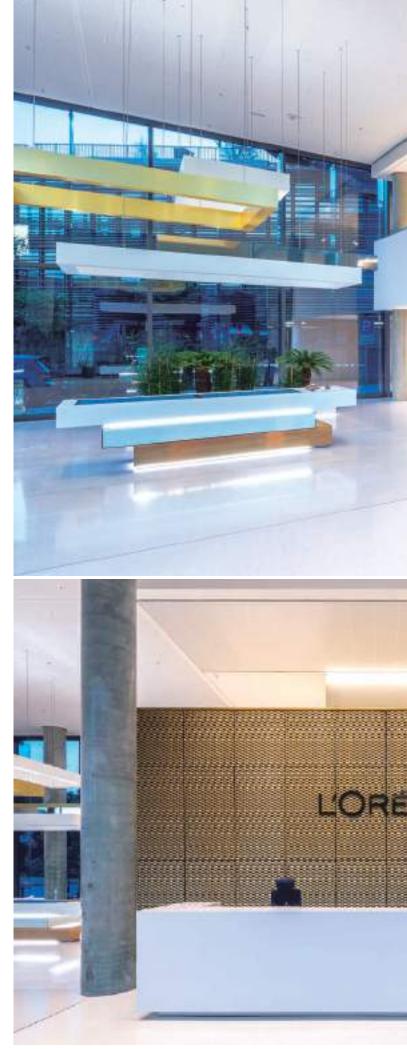
The requirements for public spaces are very demanding. It's therefore good to know that HI-MACS[®] regularly undergoes all of the relevant product tests and holds all the required certificates to prove its superior quality.

L'ORÉAL HEADQUARTERS IN DUSSELDORF

Location: Dusseldorf, Germany Design: HPP architects, Germany, hpp.com Fabrication: Schumann Möbelwerkstätte GmbH, Germany, schumann-ak.de Material: HI-MACS®, Alpine White, Black

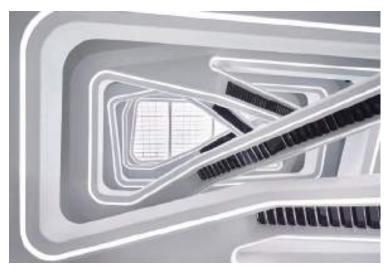
The white and gold giant

The colour scheme of this white and gold interior reflects the versatility of the corporation while at the same time communicating its high quality standards and pathing the way directly to HI-MACS[®]. Whether cubic or circular, the numerous white surfaces have an Alpine White finish.









DOMINION TOWER

Location: Moscow, Russia Fabrication: Expromt Marterial: HI-MACS[®], Black Design: Zaha Hadid Architects







All images on this page: Photographed by XML

FITNESS-STUDIO ROCYCLE

Location: Amsterdam, The Netherlands Design: XML, The Netherlands, x-m-l.org Fabrication: Dylan & van Laatum Interieurbouw, The Netherlands HI-MACS® Supplier: Baars & Bloemhoff, The Netherlands Material: HI-MACS®, Alpine White





Style meets solidity and hygiene in modern sports facilities

The quality of busy places, such as this gym in the Dutch city of Amsterdam, is often measured by the condition and cleanliness of the fixtures. It is therefore crucial that the most appropriate materials are used: tough and easy-clean, and above all representing a statement of style and taste.



LOUIVIS CONVENTION HALL

Location: Songpa-gu, Seoul, South Korea Material: HI-MACS[®], Aurora Bianco





MEDITERRANEAN SHIPPING COMPANY

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11

Location: Saint Petersburg, Russia Fabrication: Prima Marterial: HI-MACS® Banana, Black



Location: Str. Razvedchika Leonova 1, Krasnodar, Russia Fabrication: Acryl Group Marterial: HI-MACS[®], Black, Alpine White, Opal Photography: Mikhail Chekalov Design: Maxim Rymar architectural studio





All images CMMA: Photographed by Eric Vanden





Like a white spiral

A stairwell is generally seen as a rather sober place. However, in this building in the Champagne region,the open design of the staircase transforms it into an impressive architectural object with artistic qualities. A key detail: the handrail has a lovely tactile finish, and importantly, can be cleaned with ease.

CMMA HEADQUARTERS

Location: Châlons-en-Champagne, France Design: Patrick Planchon and Franck Deroche, France, franckderoche.ultra-book.com Fabrication: Landry Gobert, France, landrygobert.com HI-MACS® Supplier: Aska Interiror, France Material: HI-MACS[®], Alpine White







OFFICE [CSI]

Location: Saint Petersburg, Russia Fabrication: Rock Design Marterial: HI-MACS®, Alpine White Design: Rock Design



All images on this page: Photographed by Mark Runnacles Photography



FORT KINNAIRD

Location: Edinburgh, United Kingdom Design: Leonard Design, United Kingdom, leonard.design Fabrication: Independent Furniture and Interiors, United Kingdom, independentfurniture.co.uk HI-MACS® Supplier: James Latham, United Kingdom Material: HI-MACS®, Diamond White, Opal

Exceptionally beautiful in the blue hour

One of the most beautiful qualities of HI-MACS® is its translucency: the shades of the Lucent Collection in particular - here Opal combined with a solid Diamond White colour - look really impressive. It is the bluish, shimmering chequered facade of this building which really stands out.





PHOENIX MALL

Location: Chennai, India A&D: Urban Studio Marterial: HI-MACS[®], Artic Granite





Safe Zone House – Luminant Monument was presented at the Cheongju Craft Biennale in 2019 by applying the translucent HI-MACS® Opal to the exterior facade of the house, which greatly attracted visitor's attention.

This art installation was fabricated under the concept of "The City is an Exhibition Hall". It contains the artist's intention that when a city becomes an exhibition hall, all public facilities will become a landmark of the city and the city will be the place where the environment and art come together.



SAFEZONE HOUSE – LUMINANT MOMUMENT

Location: Cheongju, South Korea Design: Kwang Sung Park, Sung Jin Kim, Young Hak Choi, Han Na Kim Fabrication: SPD Housing Dimension: 13m x 8m x 5.9(H)m Material: HI-MACS[®], Opal

Artist Intention - The Dialectics of Inside and Outside

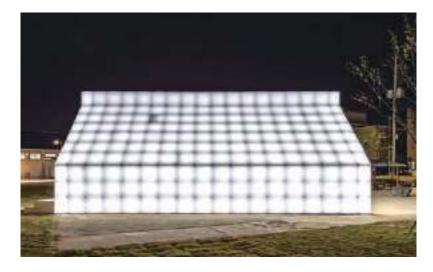
The outside of the work was made to explicitly express the material aspects. Because of this, decorating the artificial light that can generally be felt in the interior of a house using common materials was given priority.

Materials were finished with acrylic solid surface, HI-MACS Opal which projects LED light to make a house that emits light. The name Safe Zone House was born out of the Hope that the house lights up the neighborhood and the city as a lighthouse would, would safeguard us.

The inside of the work focused on expressing natural aspects. A small pathway in an area with a small hill that gives a familiar feel was created using live pine trees, rocks, masato soil, reeds and wild vegetation, as well as sounds and wind to deliver a feeling of nature as it is.

What makes the work unique from other works is that it reflects the affectionate touch by visitors. Through touch, the sensual impressions are reinforced. This touch is part of the intention to bring the five senses to life as one passes through the interior space walking on the soil with bare feet. It is 'touch' out of the many different senses that was selected to reinforce impressions and this was captured through the touch by visitors. It was intentionally designed to have the visitors walk through the space with bare feet, walking on the soil.

This new space where the inside and the outside are reversed, has been infused with a sense of emotional well-being offered by nature and a sense of safety provided by the familiar materials of a house to those living in contemporary times.













JK HOUSE

Location: New Delhi, India Fabrication: A.s. Inetriors Design: Conarch Architects(Ar. S.K. Goel & Ar. Nitish Goel) HI-MACS® Supplier: Bansal Sales Marterial: HI-MACS®, Alpine White Photography: Prashant

HI-MACS® Redefining the capital of India with its geometrical exterior cladding

Located in an uber dense Delhi locale, JK House forms a distinct urban landmark. The building design is both functional and expressive in nature, its lively sculptural facade is rich in simplicity and proportions. The biggest feature of this design execution is its dry air clad facade where it's easy to maintain surface and wall. Both at the same time. Also it supports expansion and contraction features with the spaces on back and sideways with Hexagonal surface created.

Built on an urban infill site and situated within four minute walking distance from a transit hub, the project is appropriately sited to benefit from the city's growing mass public transit system. Building design takes advantage of the proximity to the available alternative transportation system by minimizing the onsite area dedicated to parking. For a building accommodating about 350 employees, the project provides for code minimum parking of 25 stalls only. The backlit geometrical surfaces transform a mundane building corner on a busy street into a point of interest and heighten the excitement of the onlooker.







KIA MOTORS

Location: Penankonda, Telengana, India Fabrication: Creative Zone Marterial: HI-MACS[®], Diamond White Photography: Mohan





JINJU HEALTH COLLEGE

Location: Jinju, Gyeongsangnam-do, South Korea Material: HI-MACS®, Alpine White Photography: Dreaming Workshop. Director Cheol Seung Lee



03 Shops and Exhibitions

It is an accepted fact in retail, that no compromises can be made in terms of quality. and HI-MACS[®] does just what the high-tech brand LG Hausys promises. With its limitless possibilities, the material meets the demanding requirements to perfection.







MOSCOW CONCERT HALL [ZARYADYE]

Location: Str. Varvarka, Vl.6, Moscow, Russia Fabrication: Artcor Marterial: HI-MACS®, Diamond White, Black Photography: Ilya Ivanov Design: TPO "Rezerv"



"TALK TO ME" INSTALLATION BY STEUART PADWICK AT DESIGNJUNCTION

Location: King's Cross, Designjunction, London Design Festival Design: Steuart Padwick, United Kingdom, steuartpadwick.co.uk Fabrication: We Are Limitless Limited (WALL), United Kingdom, walldesignstudio.co.uk HI-MACS® Supplier: James Latham, United Kingdom Material: HI-MACS®, Steel Concrete

A sculptor uses $\mathsf{HI}\text{-}\mathsf{MACS}^{\otimes}$ to create a symbol which represents the fight against mental illness

"I wanted a material that is easy to use, looks like concrete, is translucent once it has been machined and is suitable for installation outdoors," explained the artist Steuart Padwick in regard to his requirements specification. The sculpture is no less impressive than the materials Padwick opted for. An over-sized figure carved in Douglas fir carries a block of Steel Concrete coloured HI-MACS[®], symbolising the burden carried by people suffering with mental disability. When a person approaches the sculpture from the front and speaks to it, it moves, responding with positive uplifting words, lessening the burden which then starts to light up. Very challenging and very moving.



FABERGE MUSEUM

Location: Saint Petersburg, Russia Fabricator: Rock Design Marterial: HI-MACS®, Gemini Photographer: Roman Biryukov Design: Rock Design







All images on this page: Photographed by Vicugo Studio

PHARMACY GALLARDO

Location: Ourense, Spain Design: Inside Pharmacy & Solo Luna Estudio, Spain, inside-pharmacy.com Fabrication: Inside Pharmacy, Spain, inside-pharmacy.com Material: HI-MACS®, Alpine White Lots of little "islands" bring this pharmacy to life

While light maple wood on the back wall dominates the space, the architect opted for the display islands to be manufactured from HI-MACS®: an ultra-harmonious material mix. The convex design of the sales counters in particular feels pleasing and inviting, possible due to the smart use of thermoplastic moulding.



Hospitality and Gastronomy

HI-MACS[®] creates visual, statement features in the trendiest of bars, the most upmarket of restaurants and the most happening clubs. Especially for internationally operating hospitality chains it is good to know that LG Hausys offers a global after sales service with their network-partners.

All images on this page: Photographed by © Andrea Martiradonna



ATTIMI BY HEINZ BECK

Location: Milan, Italy Design: Studio Novembre di Fabio Novembre, Italy, novembre.it Fabrication: Blue Red Group, Italy, blueredgroup.it Material: HI-MACS[®], Frosty





All images on this page: Photographed by Wouter van der Sar





SPORTCITY EINDHOVEN

Location: Eindhoven, The Netherlands Design: Yeh Design, The Netherlands, yeh.nl Fabrication: justustjebbo, The Netherlands, justustjebbo.nl HI-MACS® Supplier: Baars & Bloemhoff, The Netherlands Material: HI-MACS®, Alpine White

First impressions count

The gleaming white reception desk creates a contrasting statement feature in the historical building in Eindhoven, conveying modernity and high-quality; a key message for a high-end gym facility. The object with its rising lines appears to have been cast from a single mould.



The holiday resort also relies on the durable HI-MACS® material in the outdoor areas.







LES OLIVADES MARRAKECH

Location: Marakesh, Morocco Design: Gérard Iffrig, France Fabrication: Plan Design, Morocco Material: HI-MACS[®], Alpine White

Healthcare

05

Cleanliness and sterility are paramount in hospitals and laboratories and any materials used should meet the strictest quality-standards. Its internationally certified resistance to dirt, viruses, bacteria and numerous chemicals makes HI-MACS® the first material of choice in the healthcare sector.

OMAGH HOSPITAL & PRIMARY CARE COMPLEX

Location: Omagh, Co. Tyrone, United Kingdom Design: Andrew Murray, TODD Architects, United Kingdom, toddarch.co.uk Fabrication: McLaughlin and Harvey Specialist Joinery, United Kingdom, mclh.co.uk HI-MACS® Supplier: James Latham, United Kingdom Material: HI-MACS®, Pebble Pearl, Arctic Granite

Matchless geometry

This counter radiates with its perfect symmetry of calm and peace: the rectangular central element provides the necessary privacy, while the lower rounded elements at the sides enable people to look in, imparting an air of friendliness. The two shades of HI-MACS[®] blend in this design to create a single harmonious unit.

Photographed by Cris Hill







Cubic lines on the outside, gentle curves on the inside

This graceful Doctor's surgery in Spain was designed to represent an harmonious and relaxing space, with a nod to the curves of pregnancy. The minimalistic exterior sits favorably with the pleasing interior, the curves of which are thanks to the thermoformable properties of HI-MACS[®], while the visually seamless surface means the clinic has an extremely hygienic finish.



GYNECOLOGICAL CLINIC RITMO

Location: Valencia, Spain Design: Fran Canos Studio, Spain, francanosstudio.com Fabrication: VF Superficies Solidas, Spain, vfaplicaciones.es Material: HI-MACS[®], Alpine White



INO ANIMAL HOSPITAL

Location: Junju, South Korea Material: HI-MACS[®], Aurora Bianco, Aurora Pavia

CLINIC OF STOMATOLOGY [CALCIUM]

Location: Saint Petersburg, Russia Fabrication: Proart, www.tpk-Proart.ru HI-MACS® Supplier: Sphinx Marterial: HI-MACS®, Alpine White









OGANA SKINCARE CLINIC

Location: Gangnam, Seoul, South Korea Material: HI-MACS®, Aurora Bianco







The ingredients, as well as the material on which they are prepared, have a key role in creating a high-quality meal. HI-MACS® is a non-porous, dirt-repellent and hygienic surface, and combined with its Thermalcuretechnology, results in the best surface-quality for working with food and everyday household chemicals.

All images on this page: Photographed by Denis Dalmasso



PRIVATE KITCHEN SAINTE-VICTOIRE

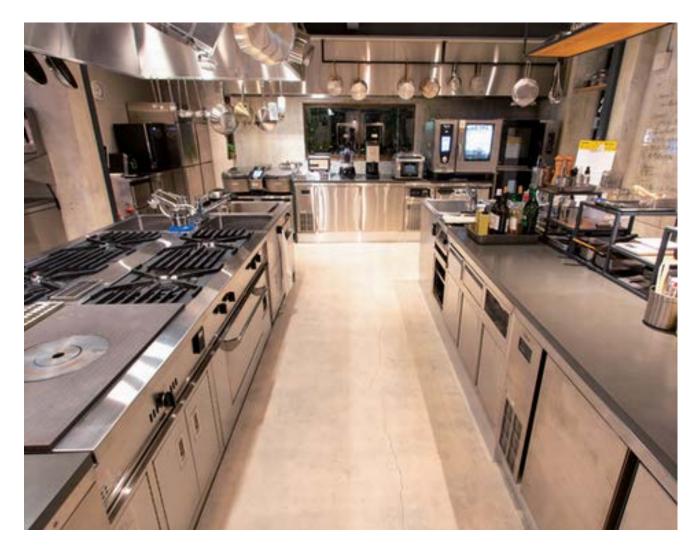
Location: Aix-en-provence, France Design: Charlotte Raynaud Hegenbart, France, charlotteraynaud.com Fabrication: Hegenbart, France, hegenbart.fr HI-MACS® Supplier: Mobistrat, France Material: HI-MACS®, Crystal Beige

The recessed mirror under the counter creates an illusion of weightlessness

The worktop and kitchen island are both made of Crystal Beige HI-MACS[®]. However, it is the kitchen island in particular that grabs the attention: the solid material has an almost feather-light appearance here as an almost imperceptible mirror visually reflects the floor underneath the work surface.







THE TBS DRAMA [GRAND MAISON TOKYO]

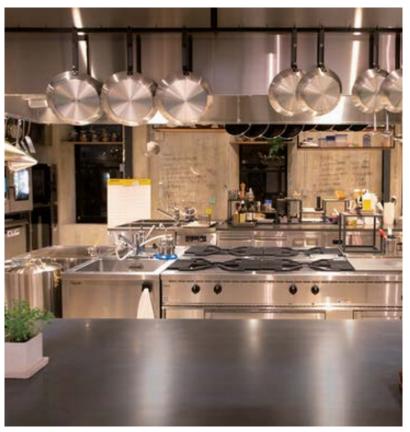
Location: Midori Yama Studio, Japan Fabrication: Hardware Marterial: HI-MACS[®], Ebony Concrete Design: Minamoto Rintaro Shoten

HI-MACS® Concrete Kitchen, featured in Japanese TBS Drama, Grande Maison Tokyo

The Japanese drama "Grande Maison Tokyo" aired on TBS Channel, is a story about a French chef struggling to make the best restaurant. This drama had a star-studded cast including Kimura Takuya and Suzuki Kyoka, the famous actor and actress in Japan.

Since the content of drama dealt with cooking, the interior design of kitchen sets was very critical. Minamoto Rintaro Shoten, a set designer of the drama, was looking for unique materials for kitchen countertop, instead of stainless steel. They found HI-MACS[®] Concrete collection along the way, and ended up requesting sponsorship through CIPS Advance, an official HI-MACS[®] distributor in Japan.

HI-MACS[®] Ebony Concrete M553 was applied to the kitchen countertop, enhancing modern and sophisticated design of the drama sets. The drama "Grande Maison Tokyo" has created the sophisticated kitchen with HI-MACS[®] and garnered great popularity with a high rating of 16%.







VILLA IN THE OUTSKIRTS OF PRAGUE

Location: Prague Troja, Czech Republic Design: Alelier Labor13, Czech Republic, labor13.cz Fabrication: A.M.O.S. DESIGN, Czech Republic, amosdesign.cz Material: HI-MACS®, Steel Grey

Like an anvil in a metal workshop

The systematic concave design is as simple as it is breath-taking. The solid base of the kitchen island gives it a strong, stable appearance, while the sharp edge at the top lends it a delicate and lightweight look.

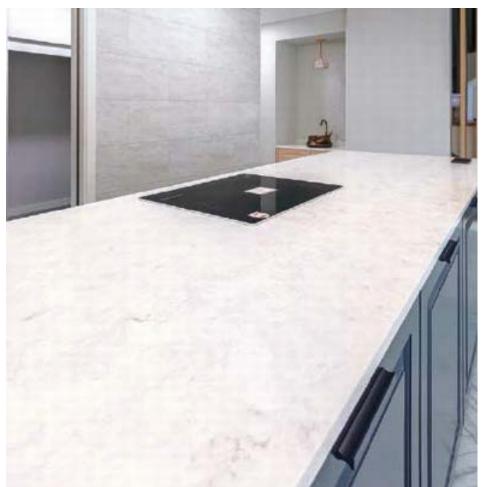
VOLARE BY ARAN

Location: Atri, Italy Design: Aran World SRL, Italy, www.arancucine.it Fabrication: Dform Srl, Italy, dform.it HI-MACS® Supplier: Derve Srl, Italy Material: HI-MACS , Alpine White

This kitchen worktop has 100% HI-MACS $^{\odot}$ -DNA

The sweeping design brings the work surface to life, giving it a unique appearance, with the seamlessly integrated, gently upwardly curving breakfast bar exuding the benefits of its seamless workmanship and thermoforming. The result: a highly functional, easy-clean and yet spectacular kitchen.





SUNGNAM TOWNHOUSE

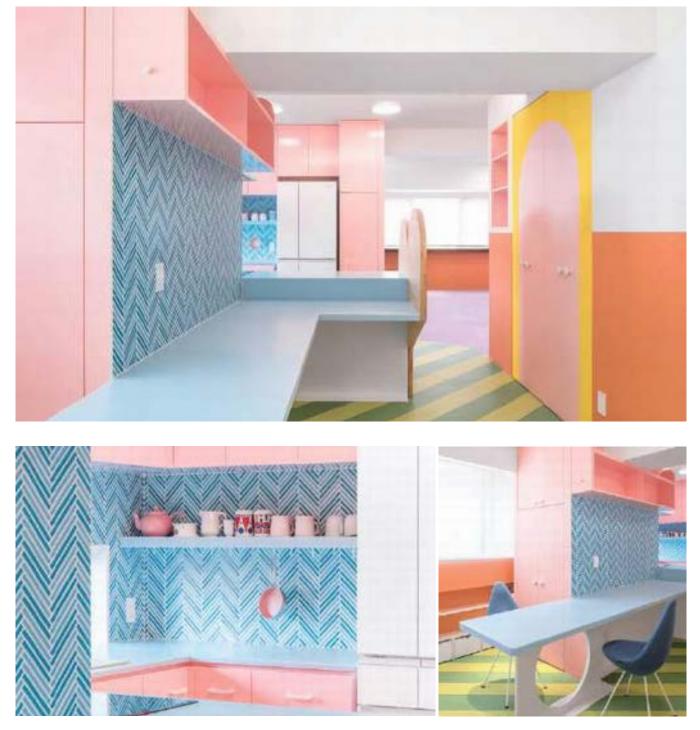
Location: Sungnam-si, South Korea Material: HI-MACS®, Aurora Bianco



07 Living Spaces

Any materials used within your home should be selected with utmost care as you will be using them for many years. The exclusive 15-year warranty with a Quality Club fabricator ensures that your satisfaction is guaranteed.

All images on this double page: Photographed by $\ensuremath{\mathbb{C}}$ Jan Vranovsky



For everyone who loves colour. The Lucent Collection offers a range of attractive pastel shades, which vibrantly play with the light.





The lucent sapphire worktop has a fresh appearance while also exuding a feeling of calm and tranquillity.

NAGATACHO FLAT

Location: Tokyo, Japan Design: Adam Nathaniel Furman, United Kingdom, adamnathanielfurman.com Material: HI-MACS®, Sapphire and Ruby

Big and colourful in Japan

It is not surprising that this brightly coloured apartment, which its owners lovingly call their "Watermelon Flat" is located in the Japanese city of Tokyo. However a surprising fact is that this installation scheme was designed in England. It is HI-MACS[®] that makes this playful interplay of form and colour possible: the most colourful designs can be realised reliably and with perfect workmanship using the comprehensive colour range featuring countless different shades.



Bathroom

08

Thanks to its waterproof surface and the extensive range of high-quality washbasins, HI-MACS[®] is becoming increasingly popular in the bathroom. The warm, pleasing feel of the material, coupled with its ease of care means HI-MACS[®] is simply perfect.



NOVE

Location: Palermo, Italy Design: Francesca Biundo, Massimiliano Masellis, Marta Marasá, Italy Fabrication: Officine Legno di Salluzzo Francesco, Italy HI-MACS® Supplier: Primek di Paola Proven-zano, Italy Material: HI-MACS®, Alpine White

Super flat washbasin

This washstand combines ultimate simplicity with the maximum level of elegance. The basin looks as if it has been simply cut out of the sheet and then pressed down. The resulting narrow slot serves as the drain.

THE SPLASH LAB

Location: London, United Kingdom Design: John Robertson Architects London, United Kingdom, jra.co.uk Fabrication: The Splash Lab, United Kingdom, thesplashlab.com HI-MACS® Supplier: James Latham, United Kingdom Material: HI-MACS®, Steel Concrete



As if hewn from stone

is extremely slim This remarkable washbasin made of SteelConcrete HI-MACS[®] and space-saving, while at the same time has a really solid appearance. The cubic sinks are manufactured from sheet material, with a narrow drain on the left-hand side.





SHINDAEBANG VILLA

Location: Shindaebangdong, Seoul, South Korea Material: HI-MACS[®], Aurora Cream



NOT ONLY WHITE

Design: Not Only White, The Netherlands, notonlywhite.com Material: HI-MACS[®], Alpine White, Deep Indigo, Sapphire

The washstand and accessories are "Not Only White"

The Dutch design label is simplicity itself. Using their favourite shade of Alpine White, the washstands also embody sophistication, clever details and an almost sculptural appearance. Combined with HI-MACS[®] accessories, such as the soap dish and toothbrush stand, this is a perfect bathroom solution.





Furniture Design and Product Design

Whether it is used for hexagonal tables with internal lighting, honeycomb-shaped shelving, engraved counters or thermoformed seating, HI-MACS[®] provides limitless design options and maximum material quality.





ALIA

Location: Toulouse, France Design and Fabrication: Pierre Cabrera, France, pierre-cabrera.fr HI-MACS® Supplier: Planacryl, France Material: HI-MACS®, Alpine White

An organic light sculpture

The translucence and thermoforming properties of HI-MACS[®] form the basis for this impressively large, unique, and sculptural lighting concept.

AURORA OBJET

Location: Seoul, South Korea Design and Fabrication: 3DM Korea Material: HI-MACS®, Aurora Bianco, Aurora Grey, Aurora Sanremo



Outdoor

Materials used outside are exposed to the weather all year round. This means exposure to sun and rain, snow and ice, lots of moisture and different temperatures as well as strong UV rays. HI-MACS[®] has passed all the required tests in a selection of colours, and has proved its outstanding qualities can master the toughest outside conditions.



CONTEMPORARY LATTICE MIDORI & IXCHEL

Location: Royan, France Design: Atelier Kazéhana & Tuillière, France, kazehana-tuilliere.com HI-MACS® Supplier: Planacryl, France Material: HI-MACS®, Alpine White

Design with light and shadow

The innovative Claustra range consists of individually designed paravents and partition wall systems, all made of high-grade HI-MACS[®]: weatherproof, solid and therefore with long-lasting beauty.





POLY TABLE

Location: Cambridgeshire, United Kingdom Design: Profile Designs Furniture, United Kingdom, profiledesigns.co.uk Fabrication: Superior Surfaces, United Kingdom, superiorsurfaces.co.uk HI-MACS® Supplier: James Latham, United Kingdom, Material: HI-MACS®, Marta Grey

The table made of many triangles

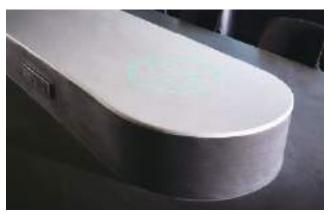
The Poly Table is a geometric inspired coffee table made of HI-MACS[®]: easy-clean, durable, colour-fast and therefore ideal for use indoors and outdoors.

D Education

HI-MACS® extreme toughness and ease of maintenance are prerequisites to withstand everyday life in nursery schools, schools, universities and other institutions.

All images on this page: Photographed by Nick Freeman, 246 Photography





UNIVERSITY OF MANCHESTER

Location: Manchester, United Kingdom Design & Fabrication: Gresham Office Furniture, United Kingdom, gof.co.uk HI-MACS® Supplier: James Latham, United Kingdom Material: HI-MACS®, Alpine White, Naples



The professors meet around the high-tech table

The desktop and vertical surfaces are manufactured in the colour Naples, while the narrow cover of the multifunctional unit in the centre of the table is Alpine White. The reason: the integrated display shines through the translucent desktop when a certain function is pressed.

SHEIKH ABDULLAH AL SALEM CULTURAL CENTRE

Location: Salmiya – Kuwait City, Kuwait Design: Cultural Innovations LTD, United Kingdom, culturalinnovations.com Fabrication: Proasur, S.L, Spain, proasur.com Material: HI-MACS®, Alpine White

Fascinating in every form

Prehistoric finds have a great fascination for the young and old. The angular basess on which the sometime huge exhibits are presented are spectacular design objects in themselves: the bases are illuminated and emit a mystically shimmering light onto the floor. Illuminated graphics have also been worked into perfect display, flush integrated into the table top and only visible when in areas of the material.

All images on this page: Photographed by David Copeman







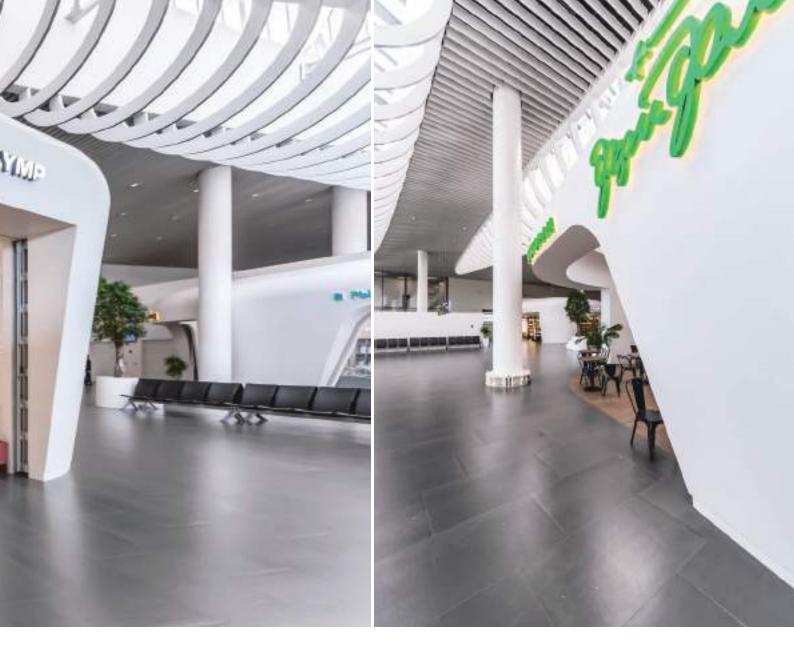
D Airport

Desks, counters and shelving at airports are exposed to extremely heavy and constant use. It is here that the perfect finish of HI-MACS[®] comes into its own – easy to clean and extremely robust, thanks to its innovative Thermalcure-technology.



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1 Wel



AIRPORT ''GAGARIN'' IN SARATOV

Location: Saratov, Russia Fabrication: Expromt Marterial: HI-MACS®, Alpine White Design: Architectural bureau "Asadov"





AIRPORT ''GAGARIN'' VIP LOUNGE ART PANEL

Location: Saratov, Russia Fabrication: SMILE Marterial: HI-MACS[®], Alpine White Design: VOX architects



AIRPORT ''STRIGINO'' IN NIZHNY NOVGOROD

Location: Nizhny Novgorod, Russia Fabrication: Expromt Marterial: HI-MACS®, Opal Design: Nefa Architects Project Implementation







13 Marine Industry

A new composition of HI-MACS[®] from the Hightech laboratories of LG has been developed for use in ship-building. HI-MACS[®] FR, has been awarded the IMO certificate module B and D in compliance with the Marine Equipment Directive for its fire resistant and fire-retardant properties.

All images for this project: Photographed by Evo Yachts - Studio Borlenghi



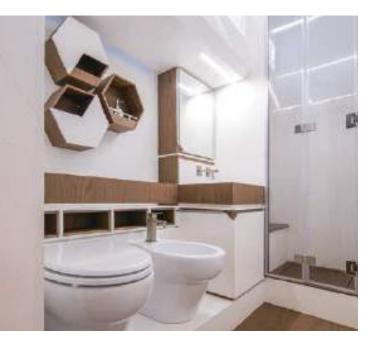
EVO R6

Location: Naples, Italy Design: Valerio Rivellini, Italy, rivellini.it HI-MACS® Supplier: Luigi Strumolo S.p.A., Italy. Material: HI-MACS®, Alpine White, Coffee Brown

Total comfort at full speed ahead

Anyone who loves the sea understands what is needed in stormy weather: lightweight, durable, easy-clean and highly functional units you can rely on. Like on this Italian yacht, where all the worktops in the bathroom and kitchen are manufactured from HI-MACS[®].





Best of the Last Decade

In recent years HI-MACS® has been specified more and more by architects and designers – only the best quality can convince demanding clientele like these. Thanks to their ability and talent and to the superior quality of material and fabrication some masterpieces have been achieved with HI-MACS®. Although not recent, they still inspire users and owners. A selection can be found here.



HÄNDEL HOUSE

Location: Halle, Germany Design: Gerhards & Glücker, Germany, gerhardsgluecker.com Fabrication: Möbel Damm, moebel-damm.de Material: HI-MACS®, Arctic White

Baroque forms to honour a baroque musician

This building to honour the great musician Georg Friedrich Händel transitions from an understated exhibition and reception area to an opulent Baroque hall. HI-MACS[®] links and enables both: the ornamental splendour as well as the subtle play of lights.

All images: Photographed by diephotodesigner.de



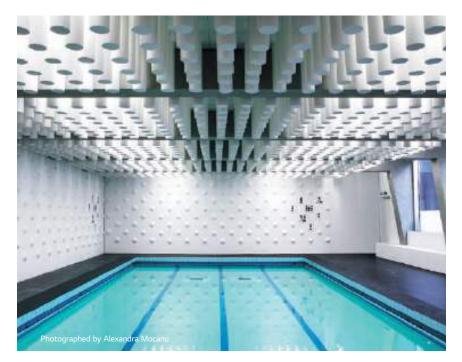
19 well-known architects and designers designed this hotel-naturally using HI-MACS®

The result of their work is simply breathtaking, with every room being a veritable stand-alone masterpiece. HI-MACS[®] was with them every step of the way-inspiring the designers to create their most daring designs.

HOTEL PUERTA AMERICA

Location: Madrid, Spain Design: from left to right: Christian Liaigre, France-Ron Arad, UK-Zaha Hadid Architects, UK-christian-liaigre.fr, ronarad.co.uk, zaha-hadid.com Material: HI-MACS[®], Alpine White, Black, Fiery Red





ATLAS SWIMMING POOL

Location: Paris, France Design: Yoonseux Architectes, France, yoonseux.com Fabrication: ASKA Interior, France, aska-interior.com Material: HI-MACS® Arctic White

Water and HI-MACS® do mix

This indoor swimming pool in a Parisian school was designed mainly with HI-MACS®: parts of the exterior walls, the geometrical relief on the interior walls, the non-slip floor in the shower area and many individual items of furniture were all created in HI-MACS® Arctic White. Its perfect hygiene and ultraflexible form are important properties of the material, which also gives the space a unique atmosphere.

All images: Photographed by Jan Bitter



RAIFFEISEN BANK ZÜRICH

Location: Zürich, Switzerland

Design: NAU Architecture, Switzerland, Drexler Guinand Jauslin Architekten, Switzerland, nau.coop, dgj.ch Fabrication: Wallcovering patterns design: ROK, Rippmann Oesterle Knauss, Switzerland, rok-office.com – Wallcovering and joinery: Glaeser Baden, Switzerland, glaeser.ch Material: HI-MACS[®], Alpine White

HI-MACS® helps create a personal vision

The Raiffeisen Bank in Zürich displays the portraits of former prominent residents that stand out thanks to the intricate cutting of triangles of different sizes and the spartan overall interior architectural design.



SOKCHO HOUSE IN WHITE

Location: Inheung-ri, Toseong-myeon, Goseong-gun, Gangwon-do, South Korea Design: Woo-jin LIM, AEV Architectures, aev-architectures.com Material: HI-MACS®, Alpine White

The house that plays with light

HI-MACS[®] has a sensuous way of dealing with light: When used as a facade the material provides great aesthetic properties. The light is absorbed or reflected, depending upon the intensity and angle of incidence, and gives the Sokcho Housing in Alpine White a mystical feel.

Colours



Solid From elegant to extravagant, classic to ultra-contemporary.

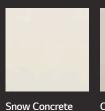
Lucent

When combined with precisely positioned light sources, the translucent pastel shades become transformed into dramatic design "highlights".



Concrete

The industrial look of concrete combined with the incredible flexibility of HI-MACS®. The Concrete Collection adds huge opportunities for great designs to architects and designers.



G556



G557





≋





Ebony Concrete M553

*≋

The new Aurora Collection is inspired by the natural beauty of the Northern Lights. Aurora With the semi-translucency of the colours Aurora Pavia and Aurora Cotton you can play with light effects giving dramatic results to integrate this natural phenomenon to your interior design.







Aurora Cream M607 *≋





M601

M552



Aurora Pavia M603





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Aurora Umber M614

*≋



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Aurora Dove M616

Aurora Grey

M608

Aurora Bisque M612

Aurora Greige M613

Intense Ultra

Aurora Sanremo

M605

The new HI-MACS® Intense Ultra combinines the best of two worlds: Intense Colour Technology and Ultra-Thermoforming.



- \star Less suitable for surfaces which are subject to high traffic, due to their higher pigmented colour saturation,
- ☆ Suitable for exterior use. Please check conditions about level of suitability and warranty per colour.
- \approx As Marmo is a randomly veined product, specific fabrication
- -☆- Lucent colours have a higher level of translucency, more evident when combined with light source.
- V Colours with this mark have a semi-translucent effect, evident when combined with light sources.
- Design Collection by Marcel Wanders

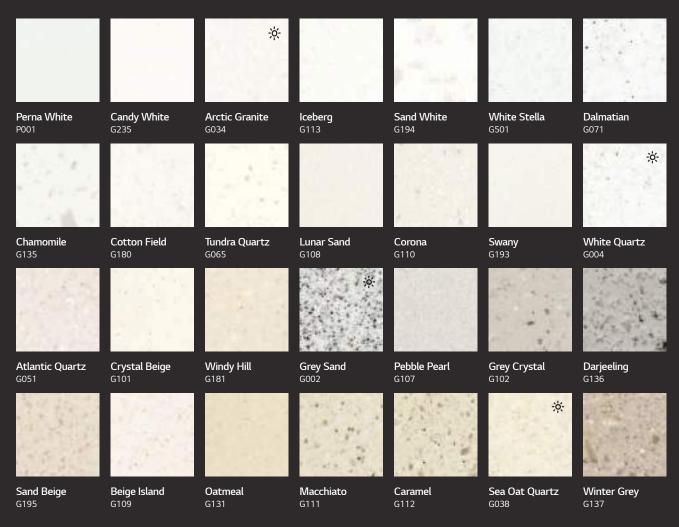
Marmo

Captivating random veined texture, reminiscent of marble.



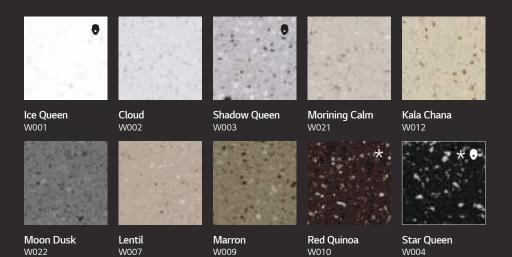
M502

Granite A huge selection of textures and colours. Natural, elegant and perfect to combine.



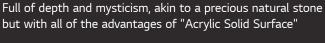
Lucia

This collection focuses on the natural trend colours black, white and grey. The lively and homogeneous structures add character and expression to the colours. Not surprising, as the renowned Dutch designer, Marcel Wanders, designed three of these colours.





Volcanics







White Calizo VS11

Tambora VE01



Light Calizo VS12



Grey Calizo VS13



Merapi VB01

Aster

Gemini

VW01

With transparent grains and mother of pearl shimmer, as if from another world.





Venus



The basic HI-MACS® material is identical for every colour, although darker hues have a higher colour may vary slightly from this sample.

To find the most up-to-date information about product range and specification, please visit

Nebula T010

Andromeda

Spica T024

Product Specification

The perfect basis for your ideas: our comprehensive range of sheets.

Standard Formats



Sheet Material

HI-MACS[®] is available in different thicknesses, formats and sizes. Perfect for maximum cutting and minimal costs. However, not all colours are available in every thickness. See the table for availability below.

HI-MACS[®] sheet material is available in thicknesses of 6mm, 12mm and 20mm as well as the corresponding sheet formats.

Dimensions - Standard Format

SHEET THICKNESS IN MM	SHEET WIDTH IN MM	SHEET LENGTH IN MM
6	760	2490 *
	910	2490 **
	1350	3680 **
	1520	3680 **
12	760	3680 ***
	910	3680 ****
	1350	3680 ****
	1520	3680 ****
20	760	3000 *****

* Only available in Solid, Granite, Lucent, Concrete(G554, G555, G556, G557)

** Only available in Solid, Granite, Concrete(G554, G555, G556, G557)

*** Available in all colours including S928 and S728

**** Only available in S928, Solid, Granite, Concrete(G554, G555, G556, G557)

***** Only available in Solid, Granite, Lucia, Volcanics, Concrete(G554, G555, G556, G557)

Certificate





Environmental Building Certificate - Grade "outstanding"

The Korean Air Cleaning Association certifies that $\rm HI\text{-}MACS^{\circledast}$ complies with the Korean regulations for environmental building materials.



CSTB Certification

HI-MACS® has obtained the French QB certification and CSTB ATec "Avis Technique" for facade applications (Avis Technique 2.2/18-1795_V1).



Greenguard

HI-MACS[®] has been approved by Greenguard in the USA, as a "low emitting product". The organisation establishes acceptable indoor air standards for indoor products, environments and buildings. The organisation's goal is to improve public health and quality of life through programs that improve indoor air.



NSF

NSF standards are generally accepted norms for a variety of public health related industries and fields. These include drinking water treatment and contact with materials, food equipment manufacturing etc. NSF recognises that HI-MACS[®] complies with NSF norms.



IMO MED – Modules B and D

MED stands for Marine Equipment Directive. Both modules are extremely important for the shipbuilding industry, as they are mandatory for fabrication materials used in ships. IMO B covers the fire resistance of the material per se and certifies that the material has low flame spread characteristics and is not capable of producing excessive quantities of smoke and toxic combustion products. Module D covers the overall production capacity and checks, among other production processes, the management and systems used.



ISO 9001

ISO 9001 criteria can guarantee the following points: • The whole fabrication process, ensuring a

- Or the whole rabication process, ensuring good product quality
 Quality control, with an appropriate
- Quality control, with an appropriate corrective procedure, when needed and regular control of quality control procedures.
- Process, which aims to continuously improve global efficiency



ISO 14001

ISO 14001 is a certificate of the International Organisation for Standardisation (ISO), the world's first generic, internationally recognised standard for environmental management.



OHSAS 18001

OHSAS 18001, Occupational Health and Safety Assessment Series, (officially BS OHSAS 18001) is a British Standard for occupational health and safety management systems. Compliance with it enables organizations to demonstrate that they have a system in place for occupational health and safety.



ETA

Fixed with Keil inserts and a BWM structure, HI-MACS[®] facade in S728 - Alpine White successfully passed the ETA tests (European Technical Agreement).

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