

 LG Hausys

A & D REFERENCE

HI-MACS® | *Viaterra*®



Surface Materials

GOOD DESIGNERS & ARCHITECTS

create new visions that nurture the belief that anything is possible, beautiful and functional. It is their creative mind that transforms good ideas into brilliant design, thereby inspiring one's clients. In a sense, inspired design is the medium that injects dream into reality - create a world without boundaries. Because when you're inspired, you're unstoppable. Meet HI-MACS® and Viatera®.

Dutch Design Week – Transitions II

Location: Broeinest, Strijp-S, Dutch Design Week, Eindhoven.

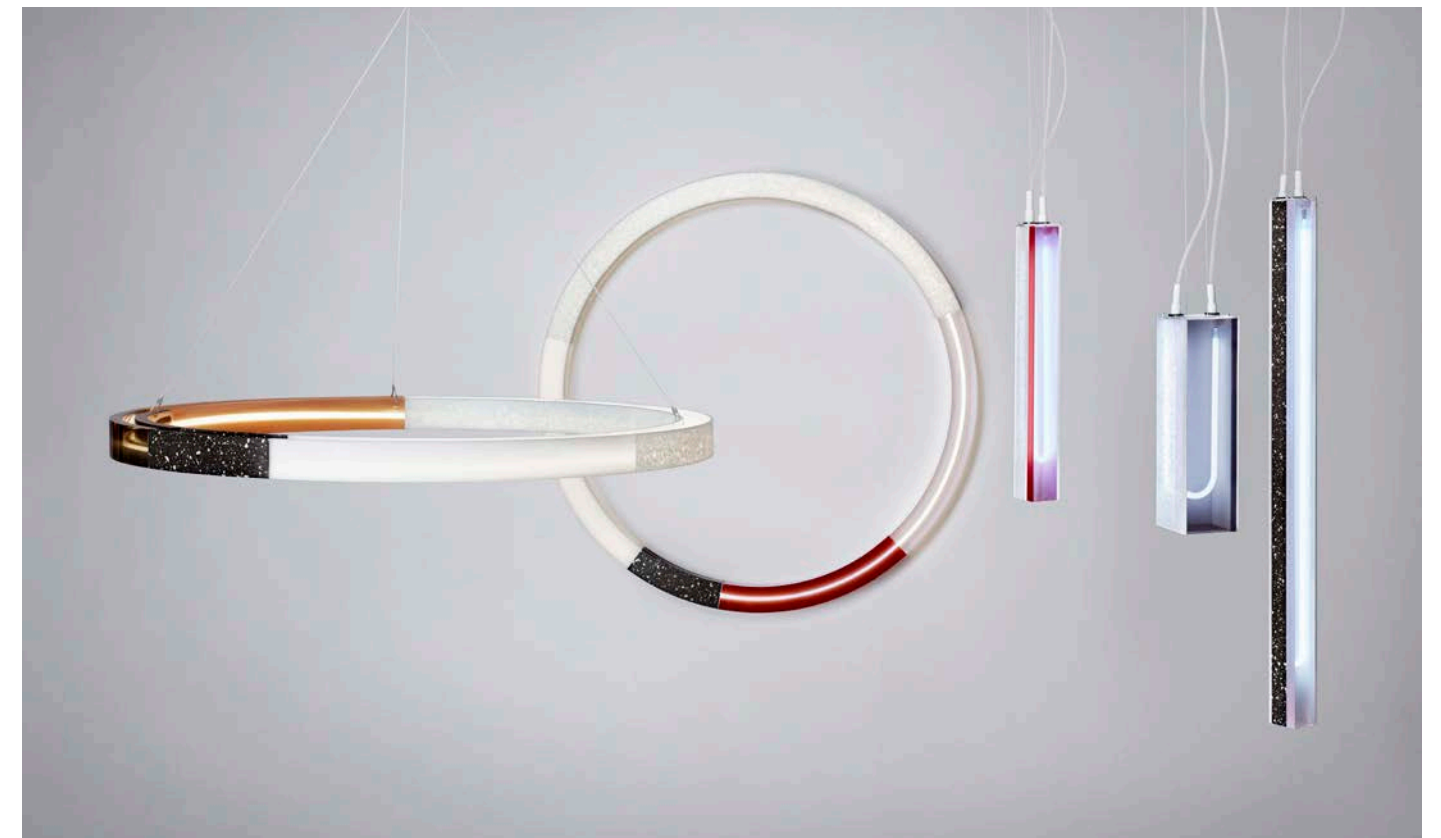
Design: Sabine Marcelis - Studio rENS

Fabrication: Solid Factory

Material: HI-MACS® Star Queen, Opal, Gemini, Arctic Granite, Black, Black Pearl.

Photo: © Ronald Smiths

Others Distributor: Baars & Bloemhoff



INTRODUCING LG CORPORATE

INTRODUCING LG CORPORATE

Global, Progression, Energy, Humanity and Technology are the pillars LG founded on. LG is a global business group with over 300,000 employees worldwide.

LG Hausys is a supplier of building & decorative materials and high performance materials and components.

Electronics

- LG Electronics
- LG Display
- LG Innotek
- LG Siltron
- LUSEM



Chemicals

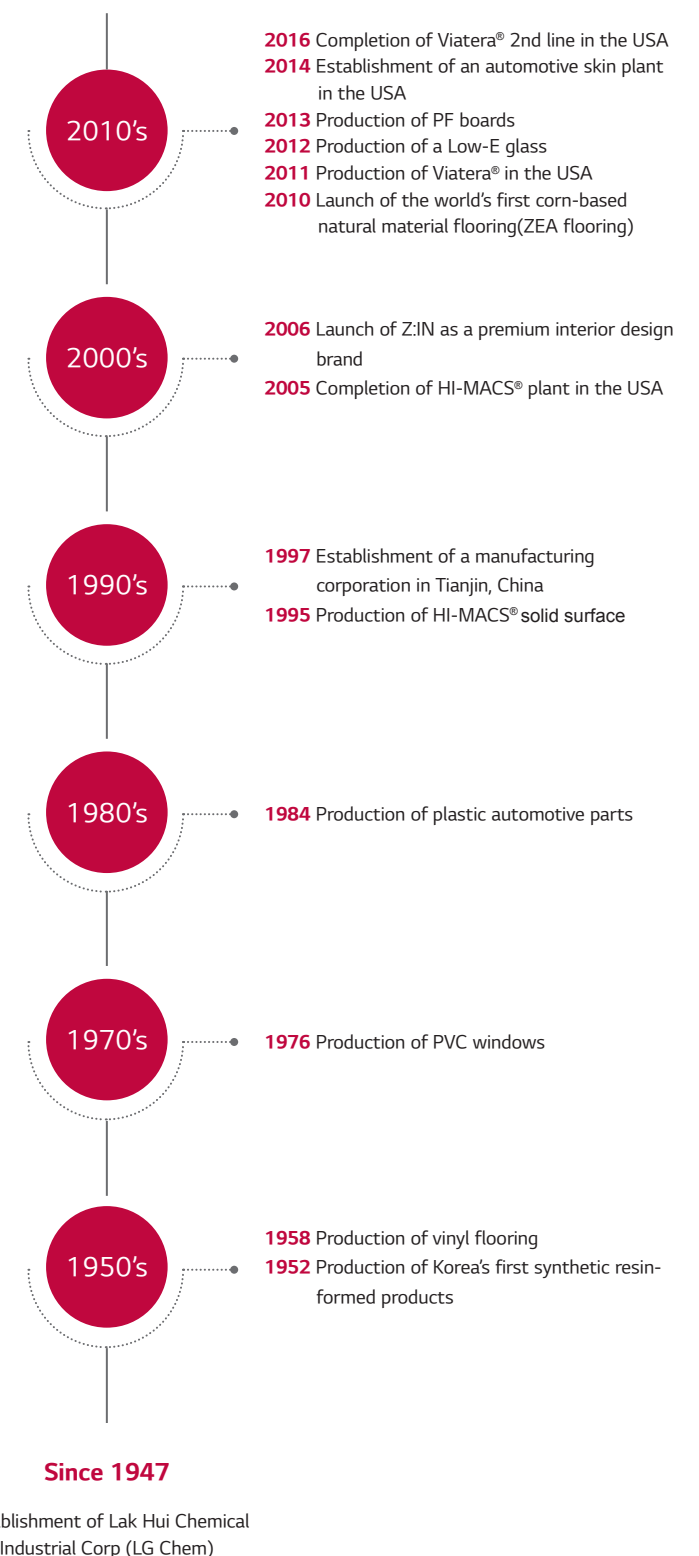
LG Hausys

- LG Life Sciences
- LG Household & Healthcare
- LG MMA
- LG Chem



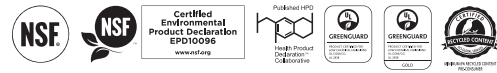
Telecommunications & Services

- LG U+
- LG CNS
- LG International
- LG N-Sys
- SERVEONE



WHAT IS HI-MACS®?

HI-MACS® is a non-porous material that can be fabricated in the same way as wood into a seamless design that prevents growth of bacteria and mold. HI-MACS® is easy to maintain and fabricate with premium quality. It has exceptional thermoforming and translucent* properties that yield versatile design possibilities that do not put a stop to a craftsmen's creativity or clients' needs.



NOTE: Not all HI-MACS® colors contain SCS certified pre-consumed recycled content.

HI-MACS®

Grass Box
Design: Denis Margot Fabrication: Denis Margot
Material: HI-MACS® Alpine White
Photo: ©Denis Margot



HI-MACS® FEATURES & BENEFITS



UNLIMITED DESIGN OPTIONS

HI-MACS® can be cut, drilled, shaped, routed and joined together to accommodate a multitude of applications. HI-MACS® can also be thermoformed; heated and bent during the fabrication process enabling the product to meet the most challenging designs.



HYGIENIC & NON-POROUS

HI-MACS® is safe for food preparation and carries the NSF(National Sanitation Foundation) certification. HI-MACS® is approved for commercial food service, medical facilities, schools, hospitality and other businesses where hygiene is essential.



INCONSPICUOUS SEAMS

Because there is no grout line, HI-MACS® countertops look like continuous material, making them beautiful and easy to clean.



EASY CARE

HI-MACS® is easy to clean and does not need sealing or special products for maintenance.



RENEWABLE

No matter the nick, scratch or stain, HI-MACS® can be restored to its original state. Deep scratches or damage may be restored by a certified professional.



ENVIRONMENTALLY FRIENDLY

The HI-MACS® production facility has reduced water waste output substantially each year. By re-purposing previously discarded materials and deploying an aggressive waste analysis and separation process, the solid waste output has been reduced by almost 90%.

WHAT IS VIATERA®?

Viatera® is made from 93% natural quartz stone and blended with advanced polymer resins and colorfast pigments. Viatera® provides stunning color choices and hygienic properties with the look and feel of natural stone. You can enjoy the attractive and functional surface with no need for sealers.



Viatera® Modern Counter
Material: Viatera® Karis



Viatera®

VIATERA® FEATURES & BENEFITS



STRONG & DURABLE

Viatera is made from 93% natural quartz, one of the hardest minerals on earth. As a result, Viatera has a much higher tensile strength than natural stone which generally contains 20% to 60% quartz. Because Viatera is less prone to breakage, this allows for greater unsupported overhangs.



HYGIENIC & NON-POROUS

Viatera is a non-porous surface and safe for food preparation. It is certified by NSF (National Sanitation Foundation). When a material or a seam is porous, food particle can be trapped in the surface material, becoming a breeding ground for bacteria and contamination.



STAIN & SCRATCH RESISTANT

Quartz is an impervious crystalline mineral that is particularly resistant to absorption. Because of this characteristic, Viatera becomes a material that is extremely stain resistant.



HEAT RESISTANT

Viatera is heat resistant, capable of enduring heat from cooking appliances for short durations. For the best protection, the use of heat pads or trivets is recommended.

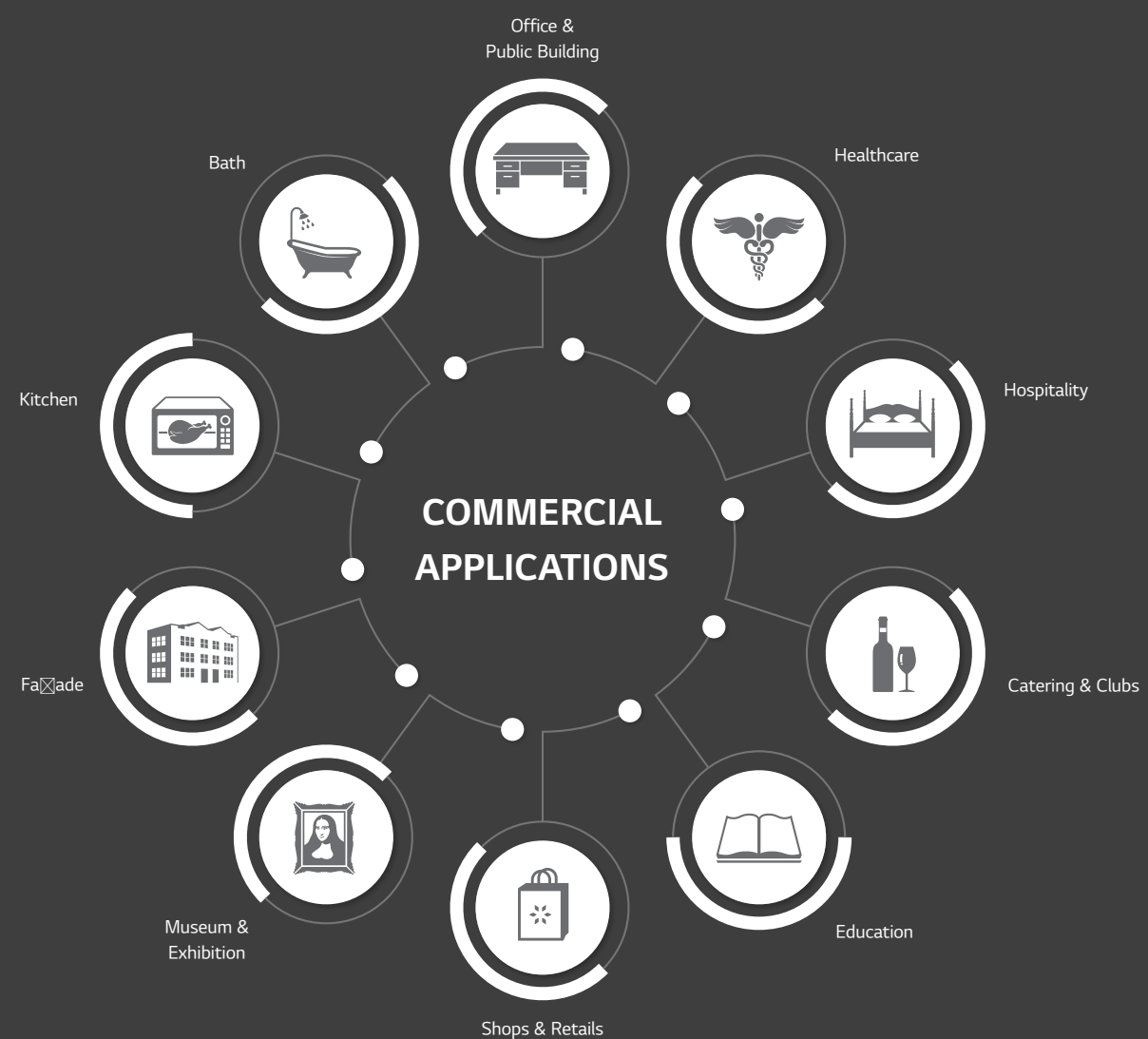


EASY CARE

Non-porous and easy to clean, Viatera is ideal for kitchen and bath applications. Unlike other stone products, Viatera does not require sealing.

COMMERCIAL APPLICATIONS

IN A COMMERCIAL SETTING, SURFACES ARE MORE THAN A PLACE WHERE BUSINESS TAKES PLACE. THEY'RE WHERE LIFE HAPPENS.



In restaurants, businesses, clinics, schools or banks, countertops and other surfaces are focal points. Food is served, transactions take place, patients are examined and all manner of business is conducted.

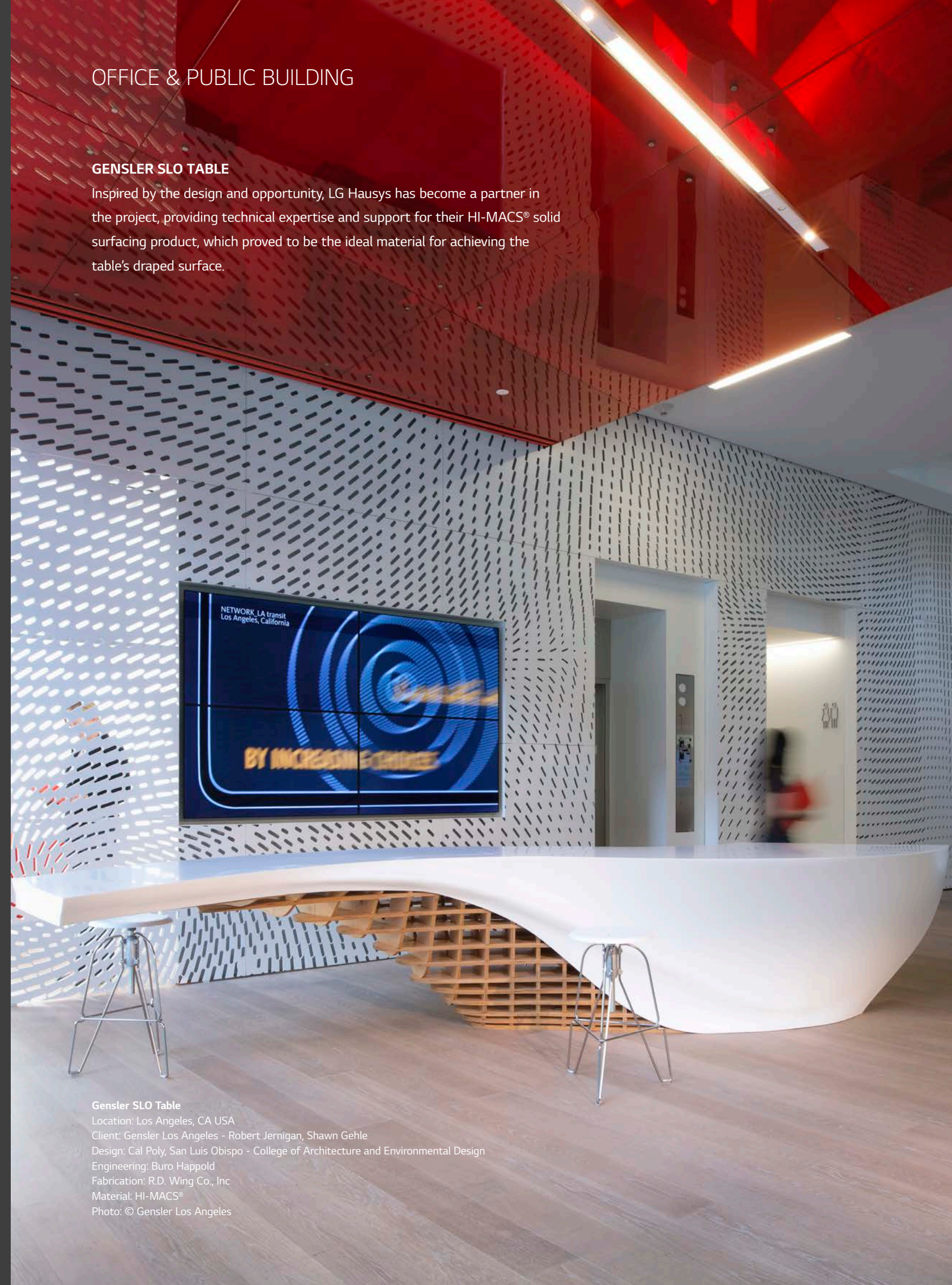
LG Hausys creates products with the idea that a surface is more than a design element. It's where life happens.

We make beautiful surfaces that are durable enough to withstand every demand life throws at them. They're tough, easy to clean, hygienic, and design trending.

OFFICE & PUBLIC BUILDING

GENSLER SLO TABLE

Inspired by the design and opportunity, LG Hausys has become a partner in the project, providing technical expertise and support for their HI-MACS® solid surfacing product, which proved to be the ideal material for achieving the table's draped surface.



Gensler SLO Table

Location: Los Angeles, CA USA

Client: Gensler Los Angeles - Robert Jernigan, Shawn Gehle

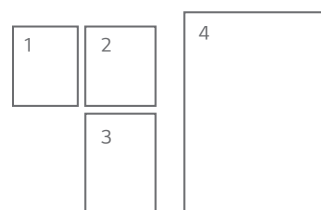
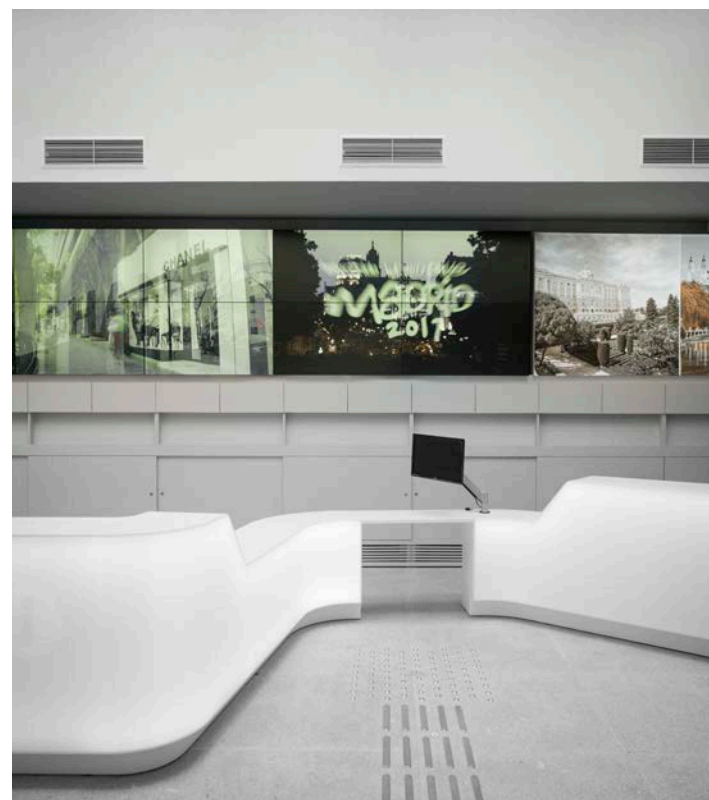
Design: Cal Poly, San Luis Obispo - College of Architecture and Environmental Design

Engineering: Buro Happold

Fabrication: R.D. Wing Co., Inc

Material: HI-MACS®

Photo: © Gensler Los Angeles



1, 2 Redesign of the Tourist Office at Plaza Mayor in Madrid

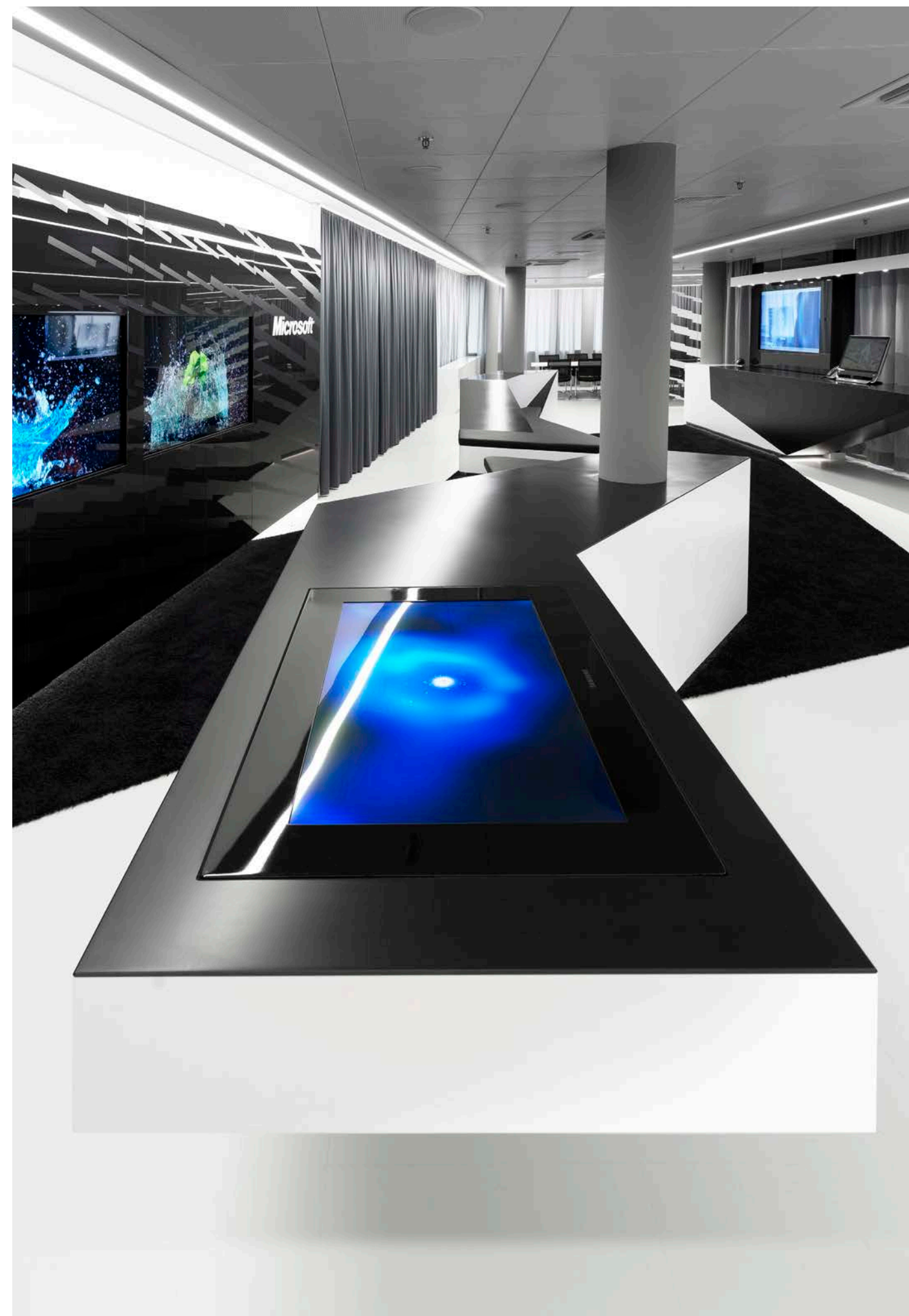
Location: Plaza Mayor - Madrid, Spain
 Design: Jose Manuel Sanz Arquitectos
 Fabrication: Maderama carpintería
 Material: HI-MACS® Alpine White, Opal
 Photo: ©Jesús Granada

3 A sculptural staircase

Location: Inox Fondi Srl offices, Italy
 Design: Ilaria Mosso
 Fabrication: Simone Piva
 Material: HI-MACS® Alpine White
 Photo: ©Francesca Bottazzin

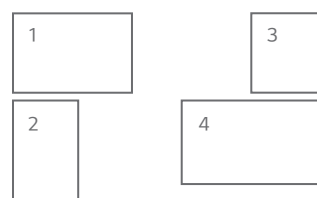
4 Microsoft Briefing Center

Location: Microsoft Briefing Center, Switzerland
 Design: COASToffice architecture
 Engineering: Construction supervision: RBSgroup
 Material: HI-MACS® Black
 Photo: ©David Franck Photography





HI-MACS® ENLIGHTENS THE OSRAM HEADQUARTERS
 No other brand name is associated with light as much as OSRAM. Naturally, this is reflected in the entrance hall of the company's headquarters in Munich. The offices interior design was executed by Brune Architekten BDA using translucent HI-MACS® Opal, and it represents the key business subject for the brand – the interaction of artificial and natural light.



1 OSRAM Headquarters
 Location: Munich, Germany
 Design: Brune Architekten BDA
 Fabrication: Hommel Manufaktur GmbH, Reichenbach
 Material: HI-MACS® Opal
 Photo: ©Daniela Hommel

2 Town Hall of Almere by Fokkema & Partners
 Location: Almere, The Netherlands
 Design: Fokkema & Partners Architecten
 Fabrication: Van der Plas Meubel & Project BV, Den Bosch
 Material: HI-MACS® Arctic White
 Photo: Horizon Photoworks Rotterdam

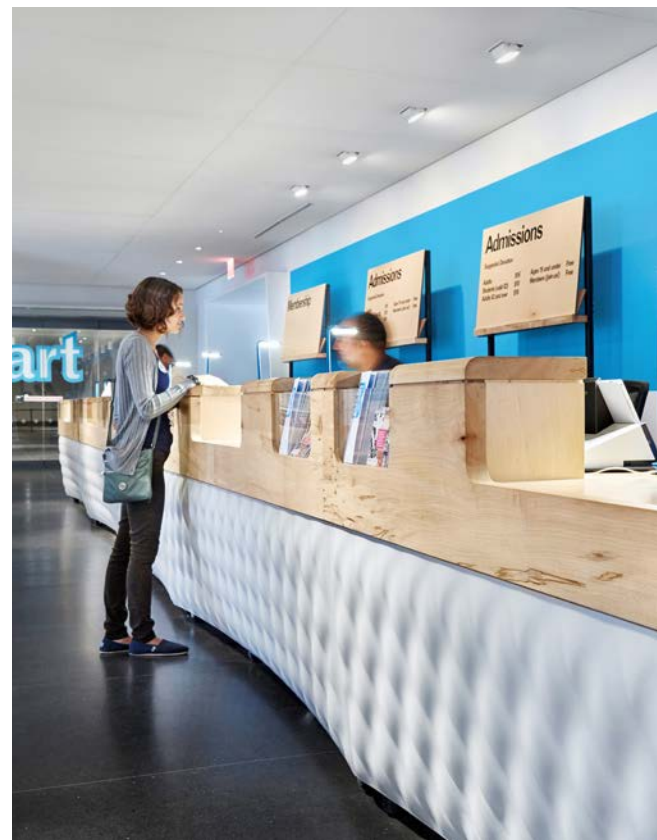


3 Austal Office Complex
 Location: Mobile, AL USA
 General Contractors: Gray Construction
 Materials: HI-MACS® Arctic Granite, Egg White

4 CMA Architect Reception Desk
 Location: Dallas, TX USA
 Design: CMA Architect, www.cmarch.com
 Fabrication: Lundy Services, Inc. & Goodall Distributors, Inc.
 General Contractor: Highland Builders
 Millwork Subcontractor: Lundy Services
 Countertop Installer: Goodall Distributors, Inc. & Texas Countertops, Inc.
 Materials: HI-MACS® Fiery Red
 Photo: Alicia Spaete of Chippora Photography



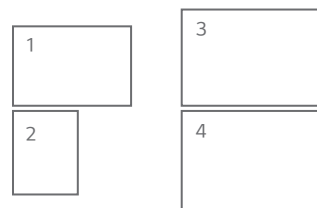
CMA ARCHITECT RECEPTION DESK
 CMA Architect chose to utilize HI-MACS® Solid Surface for their reception desk because of its mold ability, seamless quality, and, most importantly, color. Mold ability allows designers to create the concept they have in mind and the seamless quality expresses the consistency of the design.



BROOKLYN MUSEUM VISITOR EXPERIENCE

SITU Studio designed a concept that brought a customizable experience through reconfigurable benches. The furniture was made with HI-MACS® solid surface material and included a built-in power supply. The adjustable, nesting benches were made in curved segments with wheels, allowing for easy repositioning during events. Each bench included power outlets with enough access for almost every seated guest. Besides mobility and power, the benches were designed for durability and cleanliness.

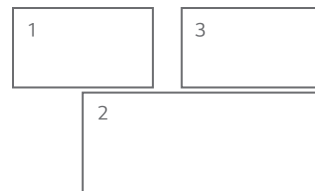
"There are so many people coming through the lobby each day," said Aleksey Lukyanov-Cherny, partner at SITU Studios. *"The components needed to hold up to serious traffic, and they needed to be easily cleaned."*



1, 2, 3, 4 Brooklyn Museum Visitor Experience
 Location: Brooklyn, NY USA
 Design: SITU Studio
 Material: HI-MACS® Arctic White
 Photo: John Muggenborg Photography



OFFICE & PUBLIC BUILDING

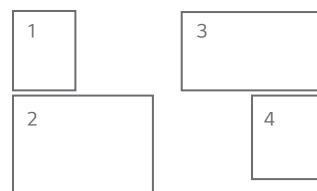
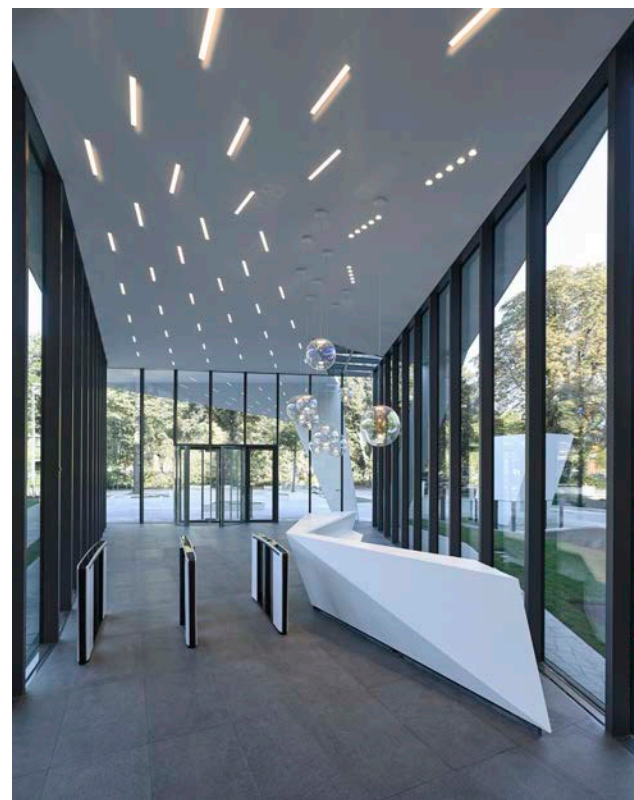


1 Logan Office

Location: Brooklyn, NY USA
 Design: Solid Objectives – Idenburg Liu (SO-IL)
 Architect: So-Il
 General Constructor: Katsura Construction
 Fabrication: SITU Studio
 Material: HI-MACS® Arctic White
 Photo: Naho Kubota

2, 3 Showroom Nicolas Feuillatte

Location: Chouilly, France
 Design: SAT Manager
 Fabrication: JP Martin Menuiserie, Agnesina
 Distribution: ASKA Interior
 Material: HI-MACS® Alpine White



1 HanseMercur Company
 Location: Siegfried-Wedell-Platz1, Hamburg, Germany
 Design: Querkopf Architekten GmbH, Wasfy Taha, Fionn Mögel
 Engineering: Buthmann Ingenieur-Stahlbau AG
 Fabrication: Likoo / Betriebsgesellschaft GmbH
 Material: HI-MACS® Alpine White
 Photo: © Dominik Reipka Fotograf

2 Modern Office
 Material: HI-MACS® Steel Concrete



3, 4 City hall
 Location: Den Haag, Netherlands
 Design: Rietveld Architecten, New York
 Fabrication: Meubelmakerij Het Woud
 HI-MACS® Supplier: Baars & Bloemhoff
 Material: HI-MACS® Alpine White

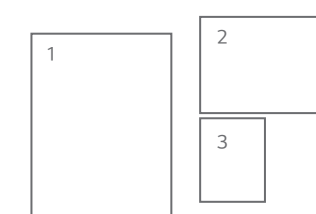


PLAY WITH LIGHT AND LIGHTNESS

The extra-long benches in the seating area of the Great Hall of The Hague in the Netherlands are luminous and floating, which makes the area bright and light. When architecture has such a bold requirement, it needs the perfect material partner like HI-MACS®.



ELEGANT CLIMB TO THE NEXT DIMENSION
 A staircase allows people to climb from one level to the next. Here it is a work of art because the entire piece, made of one material in one color, provides continuous radii and harmonious dimensions, melting into a curved unity. Thermoformed HI-MACS® elements, beautifully assembled, turn the staircase into a near-seamless, one of a kind, piece of art.



1 Stairs
 Design: Ingenieurbüro Pradel GbR, Germany
 Fabrication: Nautilus Treppen GmbH & Co. KG
 HI-MACS® Supplier: Klöpfer Surfaces
 Material: HI-MACS® Diamond White

2, 3 Plantronics
 Location: Hoofddorp, The Netherlands
 Design: Plantronics
 Fabrication: van't Wout Interieurbouw
 HI-MACS® Supplier: Baars & Bloemhoff
 Material: HI-MACS® Alpine White

OFFICE & PUBLIC BUILDING



1, 2 LG Hausys Atlanta HQ
Location: Atlanta, GA USA
Material: Viatera® Minuet, Aura

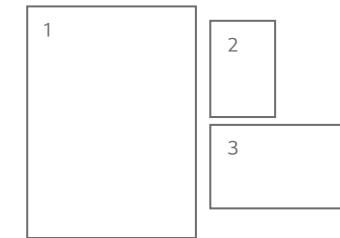
3 Architect: FKP | CANNON DESIGN
Photography: Marcelo Photography (Chuck Marcelo)
Installer / Fabricator: Marlin Countertops
Material: Viatera® Celeste





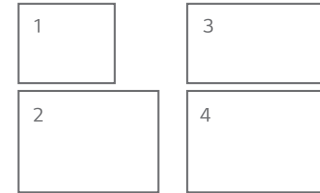
HI-MACS®: GOOD FOR THE HEART

In addition to aesthetic reasons, the interdisciplinary agency bürger albrecht partner chose HI-MACS® especially for the extraordinary hygienic standard of the solid surface. This solid surface material is especially ideal for clinics and healthcare facilities where the highest standards of hygiene must be observed. It is both aseptic and easy to clean, as well as being resistant to many chemical substances. HI-MACS® is also praised for its aesthetic properties, as it provides a warm and inviting environment. Multiple studies have shown that patients and their recovery processes benefit from this warm ambiance.



1, 2, 3 Cardio Centrum Dusseldorf
 Location: Dusseldorf, Germany
 Design: bürger albrecht partner (bap), Wuppertal
 Fabrication: Tischlerei Woodstar, Odenthal
 Material: HI-MACS®
 Photo: ©bap / Wolf Birke, Wuppertal





1, 2 Dental Practice Langer

Location: Torgau, Germany
 Design: Geilert GmbH
 Fabrication: Geilert GmbH
 HI-MACS® Supplier: Klöpfer Surfaces
 Material: HI-MACS® Alpine White

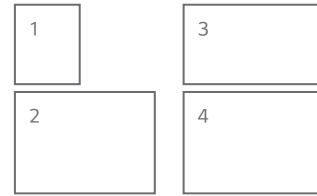
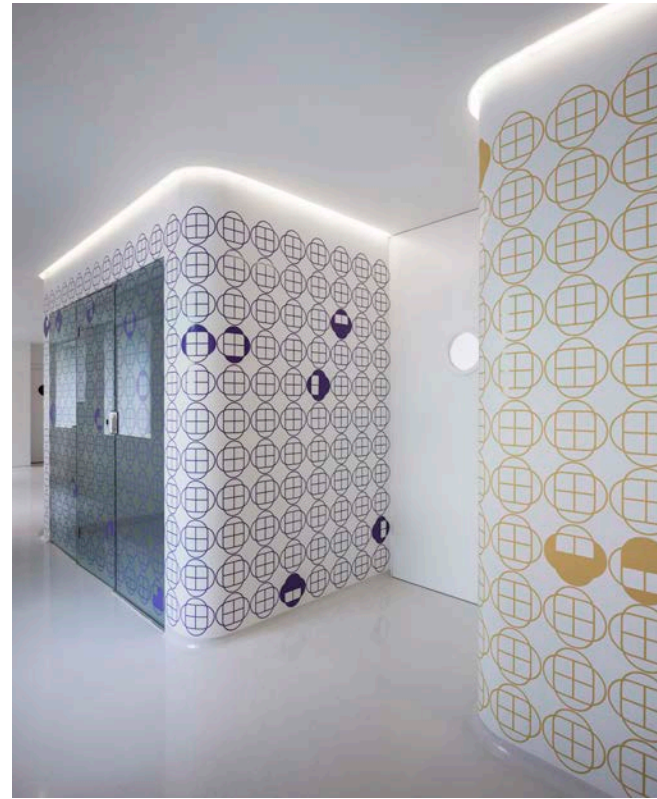
3, 4 Ortho Assumburg

Location: Heemskerk, The Netherlands
 Design: Been Design
 Fabrication: Bone Solid
 HI-MACS® Supplier: Baars & Bloemhoff
 Material: HI-MACS® Alpine White



SEAMLESS THROUGHOUT

This dental practice uses HI-MACS® on all horizontal surfaces; in some cases, the horizontal and vertical surfaces are joined with a small curved radius that is easy to clean. The lower cabinets have been taken over from previous use and the round bowls are perfectly integrated into the surface.



1, 2 Niño Jesús Hospital

Project: Maktub Centre, bone marrow transplant ward, Niño Jesús Hospital
 Location: Madrid, Spain
 Design: Elisa Valero
 Fabricator: Muebles Maderama s.l.
 Material: HI-MACS® Alpine White
 Photo: Fernando Alda

3 Sinks and basins

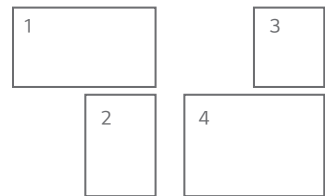
Material HI-MACS®
 Photo: Studio Podrini

4 Aesthetic Medical Centre Imaderm

Location: Switzerland
 Architects: Patrice Reynaud Architectes
 Fabrication: RS Agencement Steiner SA, kläusler acrylstein ag
 Material: HI-MACS® Grey
 Photo: Blaise Lambert



HEALTHCARE



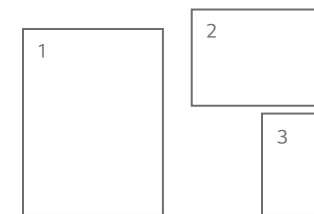
1 Operating Room Wall
Location: Sukhumvit, Thailand
Design: Rafa Interior

2, 3, 4 Liv Hospital
Location: Istanbul, Turkey
Design: Zoom Mimarlık
Fabrication: Gulsan Mobilya



UCSD MEDICAL CENTER PATIENT HEADWALL

Cannon Design created an innovative design that could turn an institutional medical product, the patient headwall, into an architectural element that is as functional as it is beautiful. However, such prosperous design was not meant to be created lightly. Needing a material that is durable, flexible, nonporous and seamless, Cannon Design and Shield Casework chose HI-MACS® solid surface.



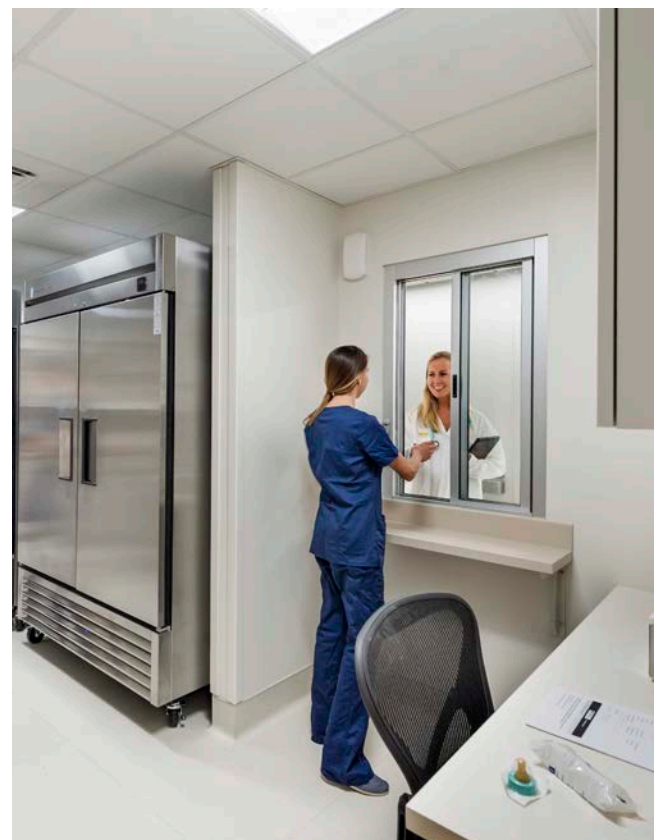
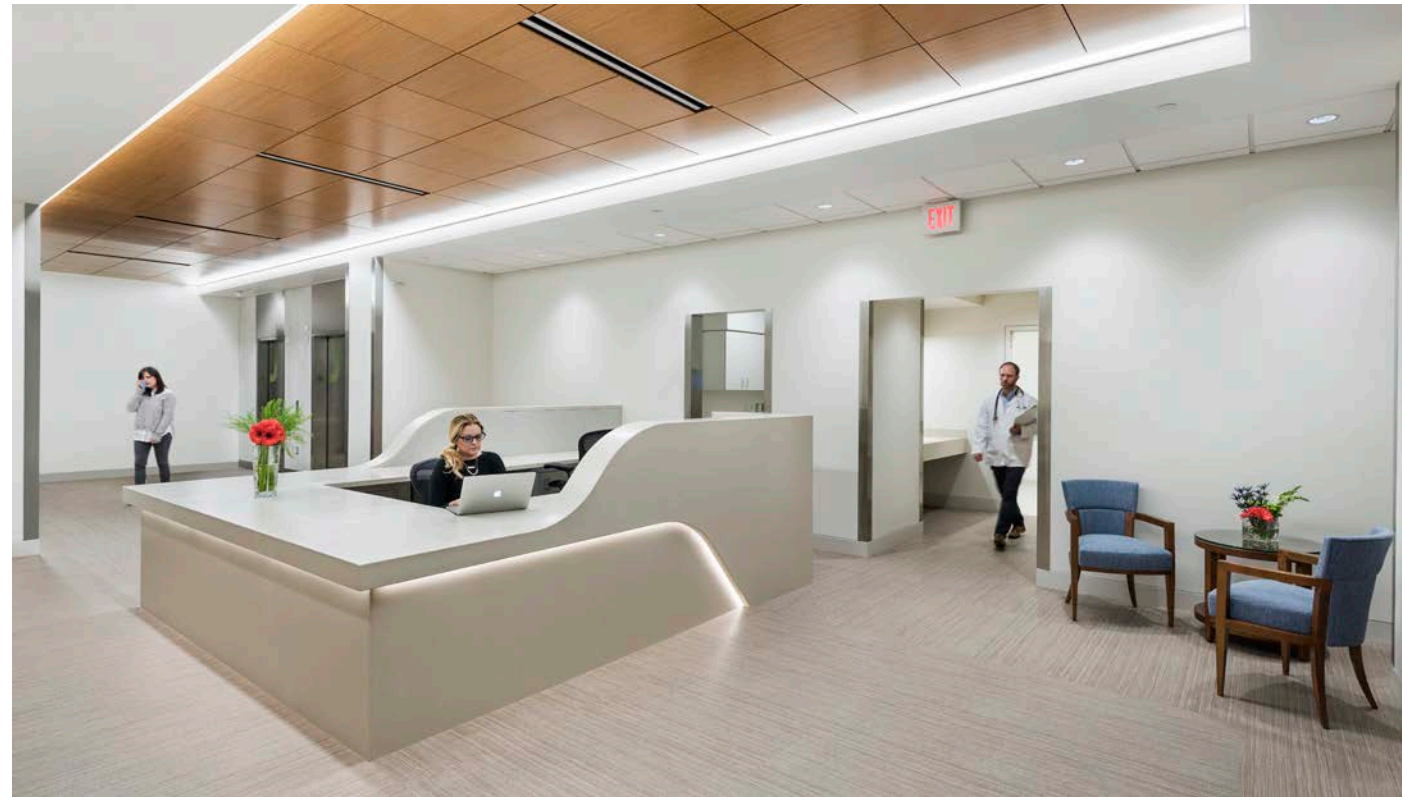
1, 2 PJT Name : UCSD Medical Center Headwall

City : San Diego, CA USA
 Fabrication: Shield Casework, www.shieldcasework.com
 Design : Cannon Design, Shield Casework, Modular Services
 Material : HI-MACS® Alpine White

3 Children's Mercy Hospital

Location: Kansas City, MO USA
 Fabrication: Shield Casework, www.shieldcasework.com
 Materials: HI-MACS® Alpine White





HI-MACS® FOR BOSTON HOSPITAL'S NICU UNIT

To be included in the hospital's list of approved products, materials must meet the highest standards of cleanliness and functionality. Cleanliness and sanitation issues that are so critical in any health care facility are doubly important around these young patients. Brigham and Women's Hospital of Boston Hospital has a set of approved project materials, which includes HI-MACS® solid surfaces.

- 1
- 2

1, 2 Boston Hospital's NICU Unit
 Architecture: TRO JUNG
 Product Manager: Andrew Brumbach
 Material: HI-MACS® Oatmeal



- 3
- 4

3 Reception Desk
 Material: Viatera® Aria

4 Reception Desk
 Material: Viatera® Soprano



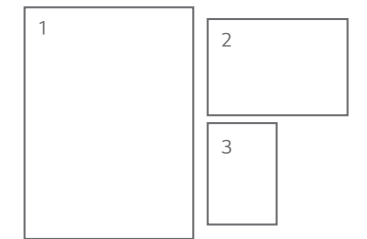
1 Rev Vegan Restaurant
 Location: Manchester, UK
 Designer: Acme Refrigeration
 Fabrication: Retail Outlet Design
 HI-MACS® Supplier: James Latham
 Material: HI-MACS® Emerald, Banana



MARC NEWSON'S BAR AND BAR TABLES

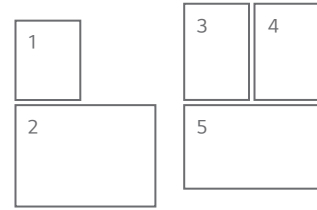
"We have specified HI-MACS® Ivory white for the tables of the ground floor bar. The design of the table was decided 18 months ago - a hexagonal lump integrated in the overall layout of the seats in leather. At the very last minute we decided to have these tables as glowing elements in order to imply the honeycomb-like layout."

Newson's design for the ground floor 'Marmo' bar brings an individualistic atmosphere. Made of HI-MACS® Ivory White, his design for eight hexagonal bar tables lit from the inside demonstrate how the material can be used to bring life into an environment.



2, 3 Hotel Puerta America Mark Newson
 Location: Madrid, Spain
 Design: Marc Newson
 Fabricator: Roskopf + Partner AG
 Material: HI-MACS® Ivory White
 Photo: Rafael Vargas

HOSPITALITY



1 Torre de Cristal

Location: Madrid, Spain
 Design: A-Cero
 Fabricator: Grupo Candido Hermida
 Material: HI-MACS® Alpine White
 Photo: A-Cero

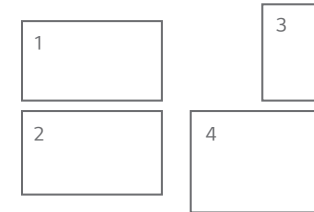
2 Tauro

Location: Den Haag, The Netherlands
 Designer: Same-D
 Fabrication: van't Wout Interieurbouw
 HI-MACS® Supplier: Baars & Bloemhoff
 Material: HI-MACS® Dark Night

3, 4, 5 Patisserie Leek

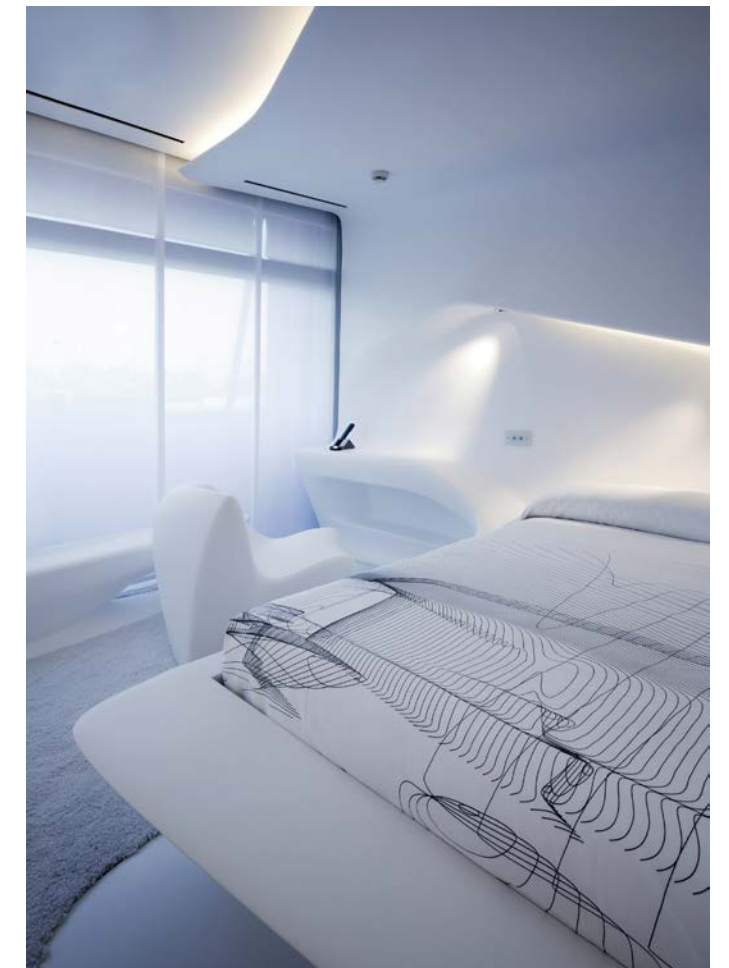
Location: Beverwijk, The Netherlands
 Design: Bert Beijersbergen
 Fabrication: Bone Solid
 HI-MACS® supplier: Baars & Bloem





1, 2 Leonardo Glass Cube
 Design: 3deluxe
 Fabricator: Roskopf & Partner AG
 Material: HI-MACS® Alpine White
 Photo: Emanuel Raab

3, 4 Hotel Puerta America Zaha Hadid
 Location: Madrid, Spain
 Design: Zaha Hadid
 Fabricator: Roskopf + Partner AG
 Material: HI-MACS® Alpine White
 Photo: diephotodesigner.de

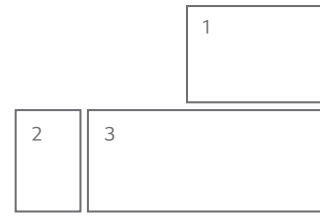


HOSPITALITY

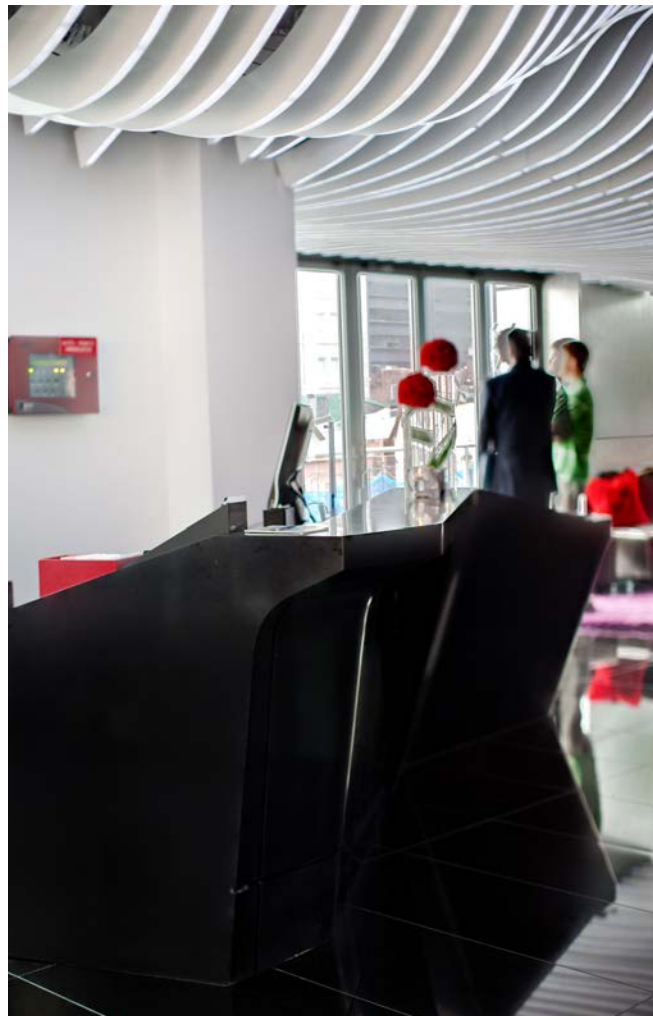
W HOTEL SKY LOBBY BAR

LG Hausys was selected as the surface brand of choice for the newly constructed Sky Lobby Bar located in the W Hotel in the heart of New York City. The bar offers a contemporary look featuring white leather seating squares and hanging lamps, and now serves as a popular destination for locals and hotel guests. The bar even features an outdoor seating area for guests to enjoy.

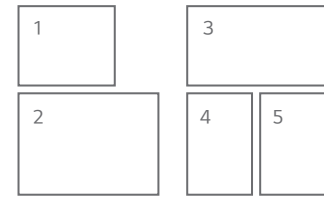
"The W Hotel desired a curved 3-D look for their bar and you cannot accomplish that with traditional soft surface materials. Fortunately, through the use of LG Hausys' HI-MACS®, the hotel achieved the stunning look they were after," said Jon Olson, communications manager at Sterling Surfaces, who served as the project installer.



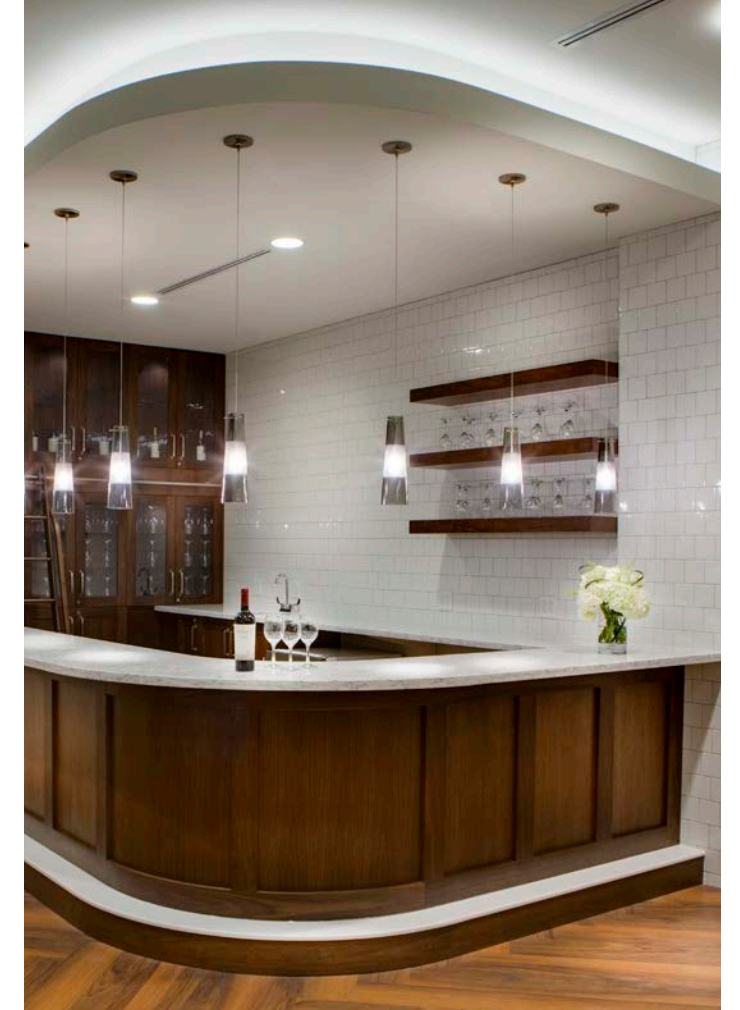
W Hotel
Location: New York City, NY
Design: Global Brand Design for W Hotels
Fabrication: Sterling Surfaces
Materials: HI-MACS® Black
Photo: Billy Kim



HOSPITALITY



1, 2, 3, 4, 5 Tribute At The Glen
 Location: Woodbridge, VA
 Material: Viatera® Aria, Rococo, Celeste



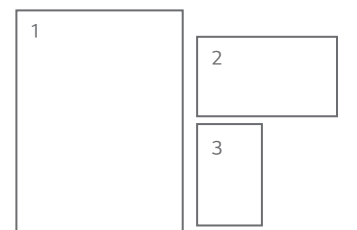


1 TrickShot Promenada Shopping Center
 Design: Sebastian Mindriou, Pick Two
 Fabrication: Atvanguard
 Material: HI-MACS® Alpine White
 Photo credit: Stelian Popa



THE CLUB AT MOUNTAIN SILVER RESORT

The bar of this modern club bar was created using HI-MACS® Opal, lighting and RGB technology to create these spectacular effects. As a result of seamless joins with HI-MACS®, the countertop gives a monolithic impression, appearing to be shaped from a single piece. In addition, the thermoformable properties of this solid surface made it possible to gently mold the counter's four rounded corners.

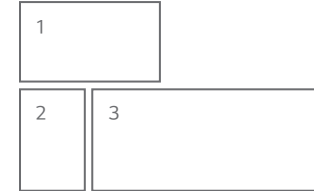


2, 3 Mountain Silver Resort
 Location: Poiana Brasov, Romania
 Designer: Robert Marin / N uca Studio
 Fabricator: Atvanguard Surfaces
 Material: HI-MACS® Opal
 Photo: Stelian Popa



RESTAURANT FLEUR DE LIN IN BELGIUM

The entrance lounge area has an aperitif bespoke bar made from HI-MACS®, mixing Black and Verona shades. The original high ceilings of the impressive building were preserved, and acoustic elements were added. The subtle yet strong lines of the furniture collection, Warendorf by KLETZ, add character and the seamless property of HI-MACS® adds contrast to the overall concept. The words inlaid in HI-MACS® Alpine White, combined with a subtle gold leaf detail demonstrates SAAM's craftsmanship and is repeated in the restaurant's business card.



1, 2 Fleur de Lin

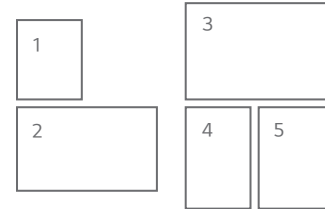
Location: Zele, Lokerenbaan 100, Belgium
 Design: KLETZ
 Fabrication: SAAM
 Material: HI-MACS® Alpine White, Black, Verona, Babylon Beige

3 Mountain Silver Resort

Location: Poiana Brasov, Romania
 Design: Robert Marin, Nuca Studio
 Fabrication: Atvanguard Surfaces
 Material: HI-MACS® Opal
 Photo: Stelian Popa



CATERING & CLUBS

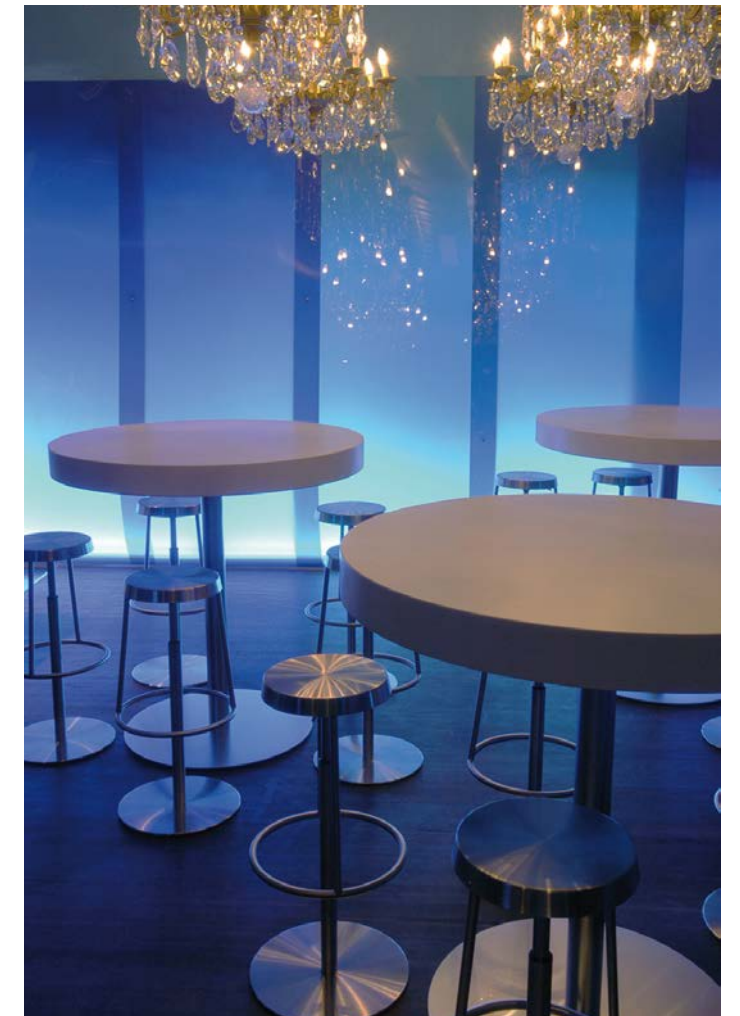


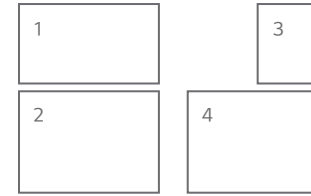
1 Valencia
 Design: Stylematters
 Fabricator: Edge Project Ltd.
 Material: HI-MACS® Fiery Red, Alpine White

2 Nudo Sushi Box
 Location: Newcastle upon Tyne, UK
 Designer: James Richardson
 - Swandene Contract Interiors
 Fabricator: Swandene Contract Interiors
 Material: HI-MACS® Roma
 Photo: ©Ron Richardson

3, 4 Evolution Club
 Location: Bucharest, Romania
 Design: Sebastian Barlica
 Fabricator: Atvanguard Surfaces
 Photos: Ciprian Stoian
 Material: HI-MACS® Light Green

5 Zoom Club
 Project: Zoom Club
 Location: Zürich, Switzerland
 Design: Gasser, Derungs
 Fabricator: Toni Kläusler
 Material: HI-MACS® Alpine White
 Photo: Menga von Sprenger





1, 2 S Café

Location: Akmerkez/Istanbul Turkey
 Design: Mustafa TONER / TONER Architecture
 Fabrication: CDKimyevi
 Material: HI-MACS® Alpine White
 Photo: Mehtap Orgun

3, 4 Polar Vortex Frozen Yogurt

Material: HI-MACS® Arctic White, Mazarin Blue
 Photo: Steven Long



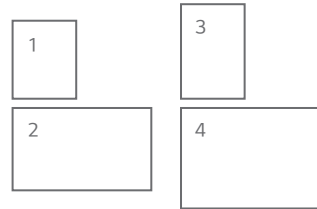
COFFEE-TIME AT ITS LOVELIEST

Honeycomb-shaped partition walls made of HI-MACS® offer privacy to customers in the “S Café” in Istanbul. The combination of Alpine White and walnut wood gives the location a cozy ambiance. The design is enhanced by an organic bar and a flowing canopy that are both also made from the material of endless possibilities.





VIATERA® FOR UNIQUE, INVITING BAR COUNTERTOP
 Designer Kierstan Field wanted a showstopper bar and beer tap island as she was planning the renovation of the former Chili's into the new Wood-n-Tap in Hamden, Connecticut. But instead of using a classic wood or natural stone, Field picked Viatera® quartz countertops in gleaming Minuet. "The design intention was to allow the space to be traditional so it's comfortable, but also inviting and fun," Field said. The result is a classic bar in shape and size, but a clean, white bar top that gives the room a softer look.



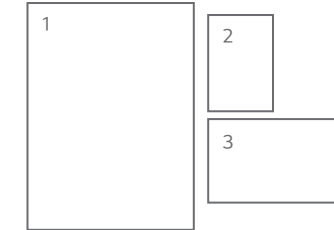
1, 2 Wood Tap Bar & Grill
 Design: Field & Co.
 Fabrication: Ferazzoli Imports
 Galleria Stone
 Material: Viatera® Minuet



3 Gimpo Lotte Mall
 Seoul, Korea
 Material: Viatera®

4 Lake Drive Bar
 Location: Hartland, Wisconsin
 Design: SJ POPE Design & Renovation
 Fabrication: Midwest Tops
 Material: Viatera® Vintage Limestone





1 Eureka! Museum

Project: "All About Me", Eureka! Museum
 Location: Halifax, UK
 Design: At Large Museum & Exhibition Designers
 Graphic Design: Public Works Office
 Main Contractor: Paragon Creative Ltd
 Material: HI-MACS® Orange, Alpine White
 Photo: Philip Vile

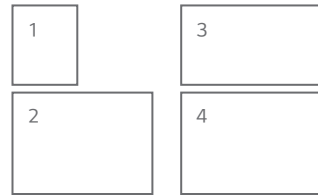
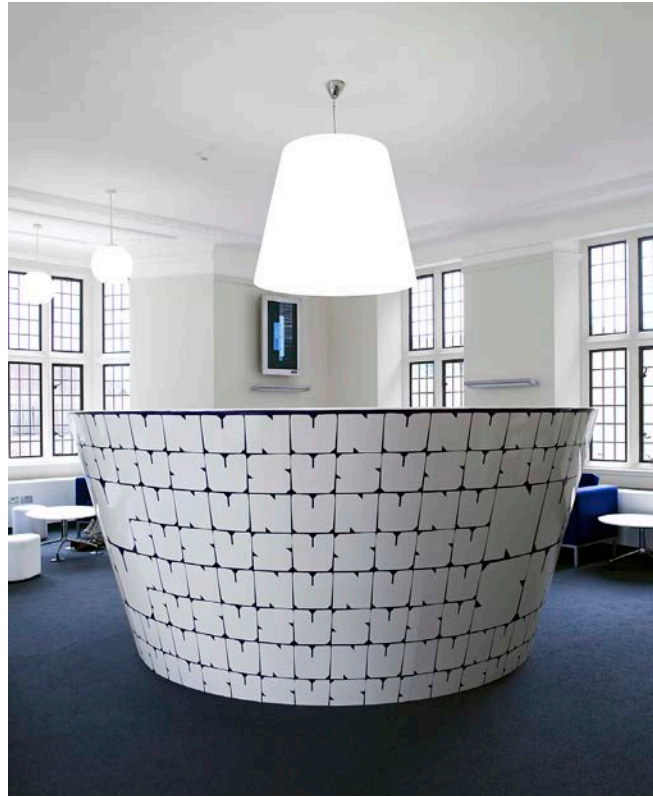
2 Glasgow Science Centre

Location: Glasgow, Scotland
 Design: ARKA Design Studio
 Fabrication: Elmwoods
 Material: HI-MACS® Arctic White, Gray
 Photo: ©Paul Zanre

3 Life Sciences Hub in Cardiff Bay

Design: Paramount Interiors
 Fabrication: Reynolds Collcutt Furniture Ltd and Paragon Design Joinery Ltd
 Material: HI-MACS® Midnight Gray, Toffee Brown, Arctic White
 Photo: Huw Jones Photography

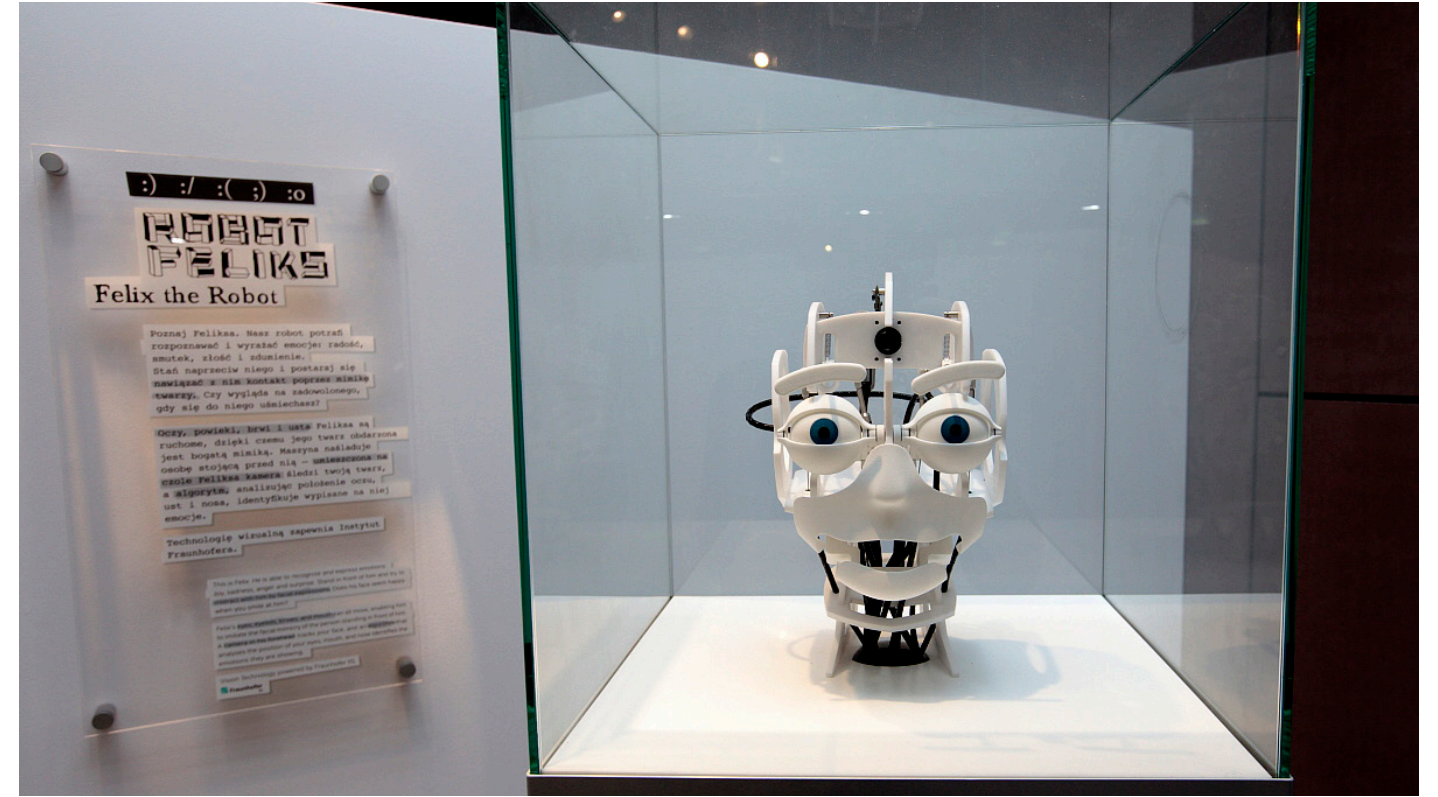




1, 2 Newcastle University
 Architects: FaulknerBrowns Architects, UK
 Fabricator: Multi-Surface Fabrications Ltd, UK
 Material: HI-MACS® Nordic White, Cima, Black
 Photo: Cadzow Pelosi

3 Copernicus Science Center
 Location: Warsaw, Poland
 Design: Archimedes, Berlin
 Material: HI-MACS®

4 ETH Zurich
 Location: Zurich, Switzerland
 Design: Holz Kobler Architekturen
 Fabricator: Rosskopf & Partner AG, Germany - GLAESER Baden AG, Switzerland
 Photographer: Jan Bitter
 Material: HI-MACS® Satin White, Alpine White





ERLEBNIS EUROPA

At home on the high seas if you go to the "Erlebnis Europa" exhibition, you will come across HI-MACS®. The permanent exhibition "Erlebnis Europa" [Experience Europe] in the European House in Berlin challenges and promotes interaction with the visitor: digital information tables sit at the heart of this installation. All surfaces are easy-care, robust and made of HI-MACS®.

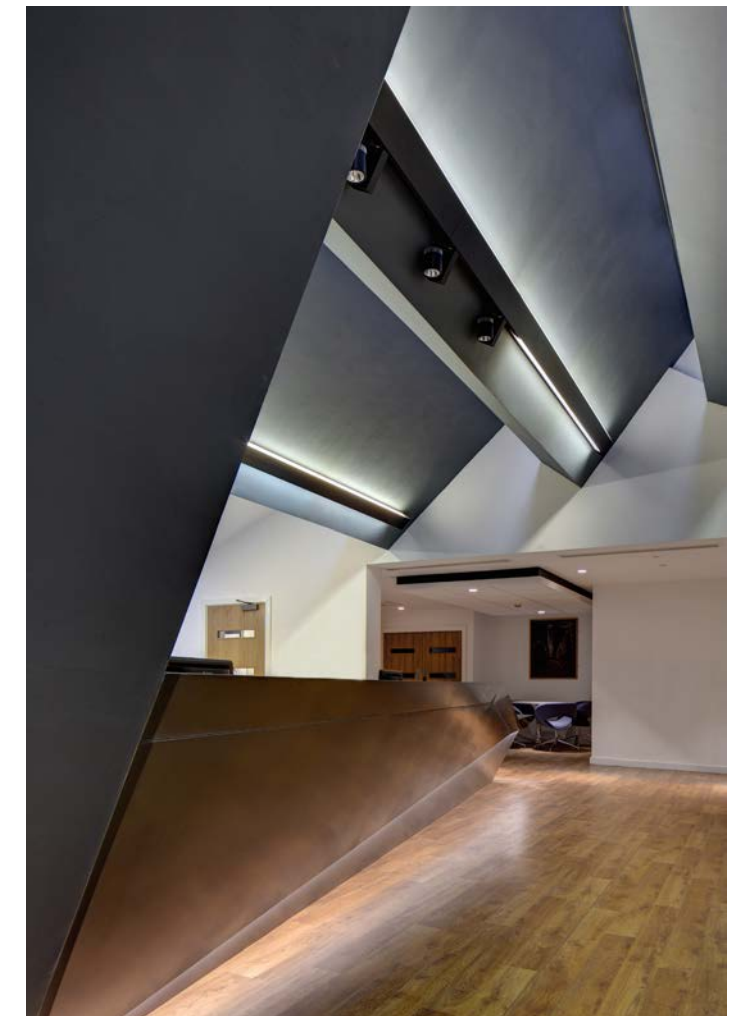
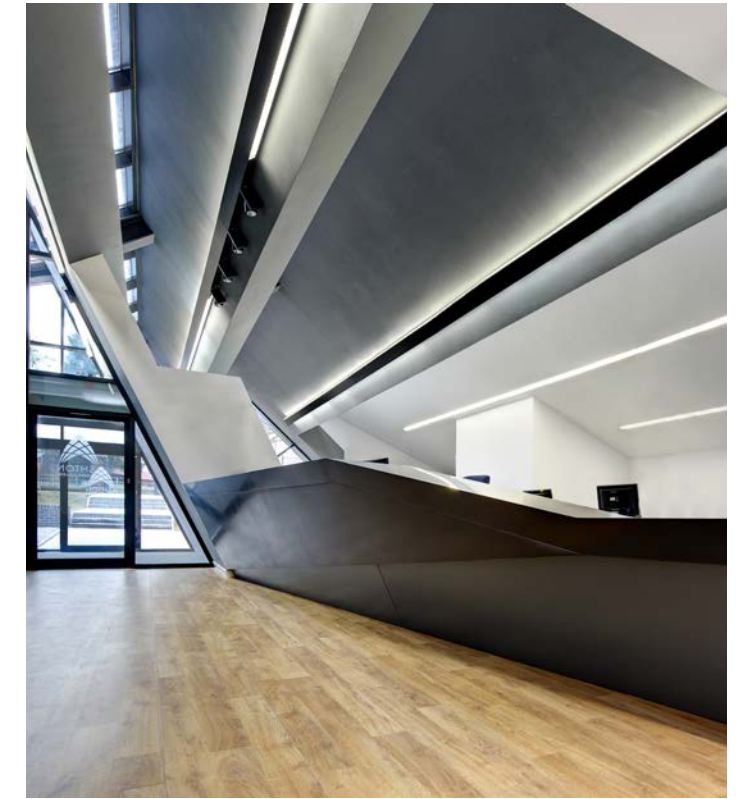


1, 2 Erlebnis Europa

Location: Berlin, Germany
 Design: Atelier Brückner, Germany
 Fabrication: Bone Solid commissioned by Bruns BV, The Netherlands
 HI-MACS® supplier: Baars & Bloemhoff, The Netherlands
 Material: HI-MACS® Alpine White, Deep Indigo

3, 4 Asthon College

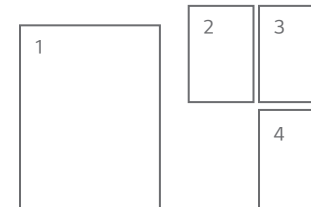
Location: Asthon College, UK
 Design: GA Studio
 Fabrication: Lomax Interiors
 Material HI-MACS® Midnight Grey
 Photo: Infinite 3D Ltd



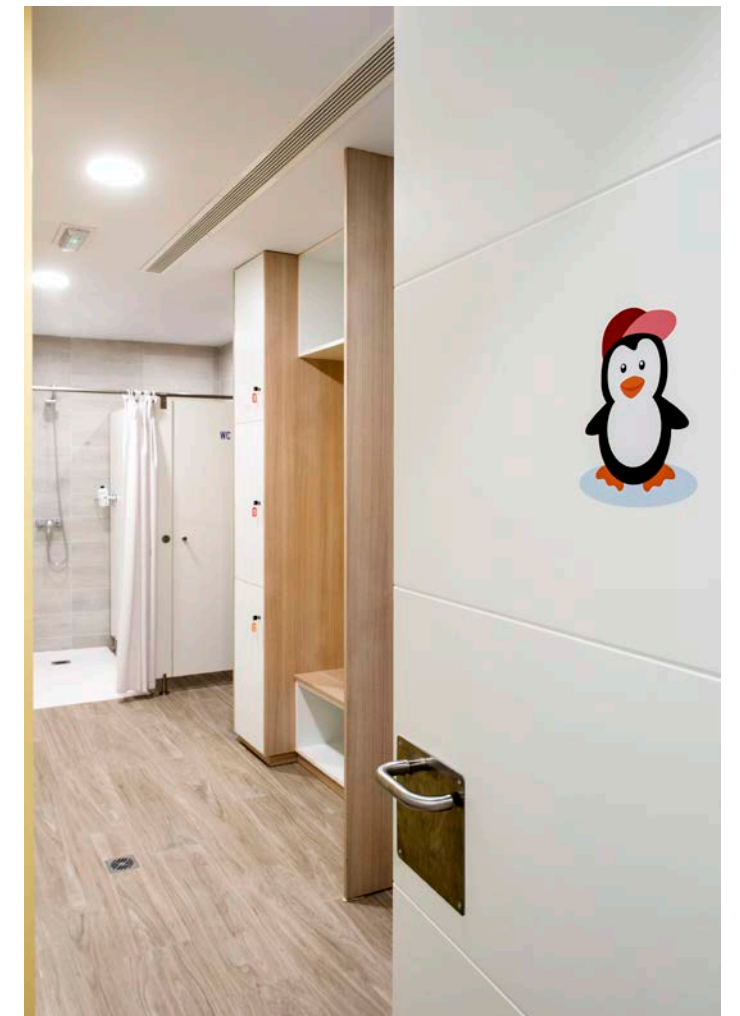


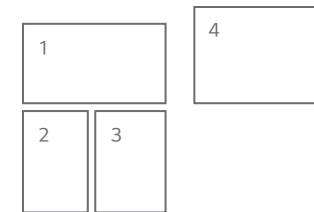
NEW SWIMMING SCHOOL PENGUINS IN BARCELONA

Since it is a centre mainly designed for children—from babies up to the age of 8— the design team paid special attention to the properties of all the materials to create safe spaces that are easy to maintain. That is why they chose HI-MACS® as the main element in the design of the areas that need to be more hygienic, such as the changing tables and baths.



1, 2, 3, 4 Swimming school Penguins
 Location: Barcelona, Spain
 Design: Pia Capdevila INTERIORISMO
 Fabrication: J. Luis Espejo
 Material: HI-MACS® Arctic White
 Photo: © Eric Pamies





Texas A&M Locker Room

Design: Alan Bossert
 Fabrication: Hollman Inc, Counterscapes, Keystone Millworks
 Material: HI-MACS® Ivory White, Marta Gray, Black, Design Lab
 Photo: Connie Anderson Photography

USING HI-MACS® TO CONSTRUCT AN TEXAS A&M LOCKER ROOM SPACE

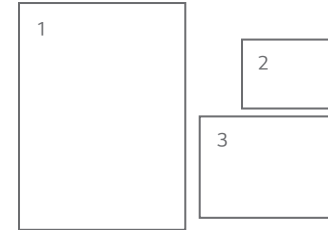
Understanding the design and functionality challenges, LG Hausys worked closely with the designers and contractors of the space to bring to life a perfect dream. The first challenge to overcome was matching the exact color of the A&M logo to the HI-MACS® material. The school's Maroon color surface was developed using LG Hausys' **Design Lab Program** that matched the HI-MACS® color to a Texas A&M football helmet.

See page 115 to learn more about HI-MACS® Design Lab.

SHOPS & RETAILS



1 ALV Showroom
 Location: Milan, Italy
 Fabricator: Flusso, Facchinetti Group
 Material: HI-MACS® Ivory White
 Photo: Valter Baldan



1 Oakley
 Location: Barcelona, Spain
 Design : Machado Ranzini Arquitectos,
 Spain
 Fabricator: Industrias Arla SL, Spain
 Material: HI-MACS® Opal
 Photo: Inigo Bujedo Aguirre

2, 3 Beaugrenelle Shopping Centre
 Design: Brandimage - Paris
 Fabrication: ADJ
 Material: HI-MACS® Alpine White, Fiery Red
 Photo: Mathieu Ducros



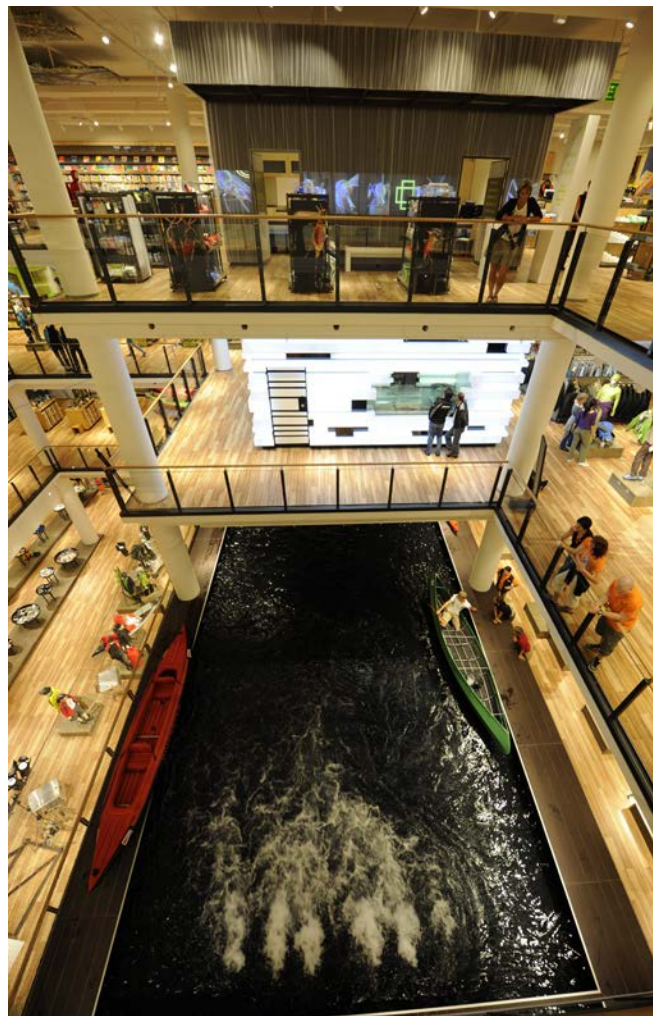
AN EXTREME COLD CHAMBER IN HI-MACS®, UNDER TEST IN ICE AND SNOW

One of the particular features in Munich is the 125 square metres high-altitude cold HI-MACS® chamber which allows customers to test equipment and clothing at arctic temperatures or to use training equipment to prepare themselves for upcoming expeditions: to do this, the weather and altitude conditions of the trekking and expedition area are simulated.



1, 2 Globetrotter

Location: Munich and Dresden, Germany
Design: Holger Moths
Fabricator: Schreinerei Lorenz & Schmid GmbH – Klöpfer Surfaces, Germany
Material: HI-MACS® Opal
Photos: Globetrotter Ausrüstung Denart & Lechhart GmbH



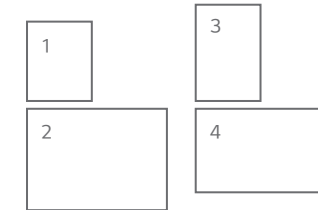


SHOEBALOO, A SHOE STORE WITH A NEW DIMENSION

The high durability and resistance of HI-MACS® fit in perfectly with the Dutch studio's philosophy of creating spaces that are able to respond to the changing demands of users and, above all, that stand the test of time. HI-MACS® was also ideal for creating the trademark waves in the store's interior, thanks to its extraordinary thermoformability, seamless joints, and smooth feel.

1, 2 Shoebaloo Shoe Store

Location: SHOEBALOO, Koningsplein 5, Amsterdam
 Design: Roberto Meyer, Harry van den Berg, MVSA Architects, Amsterdam
 Fabrication: Bone Solid, Bergeijk - Smeulders Interieurgroep
 Material: HI-MACS® Alpine White, Opal
 Photo: ©Jeroen Musch
 Others: HI-MACS® supplier: Baars & Bloemhoff



3 ALV Showroom

Location: Milan, Italy
 Fabrication: Flusso, Facchinetti Group
 Material: HI-MACS® Ivory White
 Photo: Valter Baldan

4 Hennes & Mauritz

Location: Barcelona, Spain
 Design: Studio Mariscal
 Fabricator: Dula
 Material: HI-MACS® Alpine White, Orange

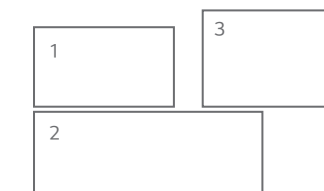


SHOPS & RETAILS



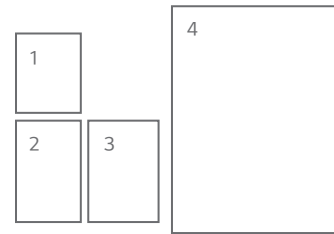
SALON VANITAS ESPAI

Beautiful, this elegant beauty salon in Barcelona. In a beauty salon, the décor is particularly important as is the impression it gives. Here Salon Vanitas has used a fluid composition of high-quality materials such as dark wood, fine tiles and bright white HI-MACS®.



Salon Vanitas Espai
 Location: Barcelona, Spain
 Design: Cm2 Disseny
 Fabrication: Ideas & Ambientes
 HI-MACS® Supplier: Gabarró Hermanos

SHOPS & RETAILS

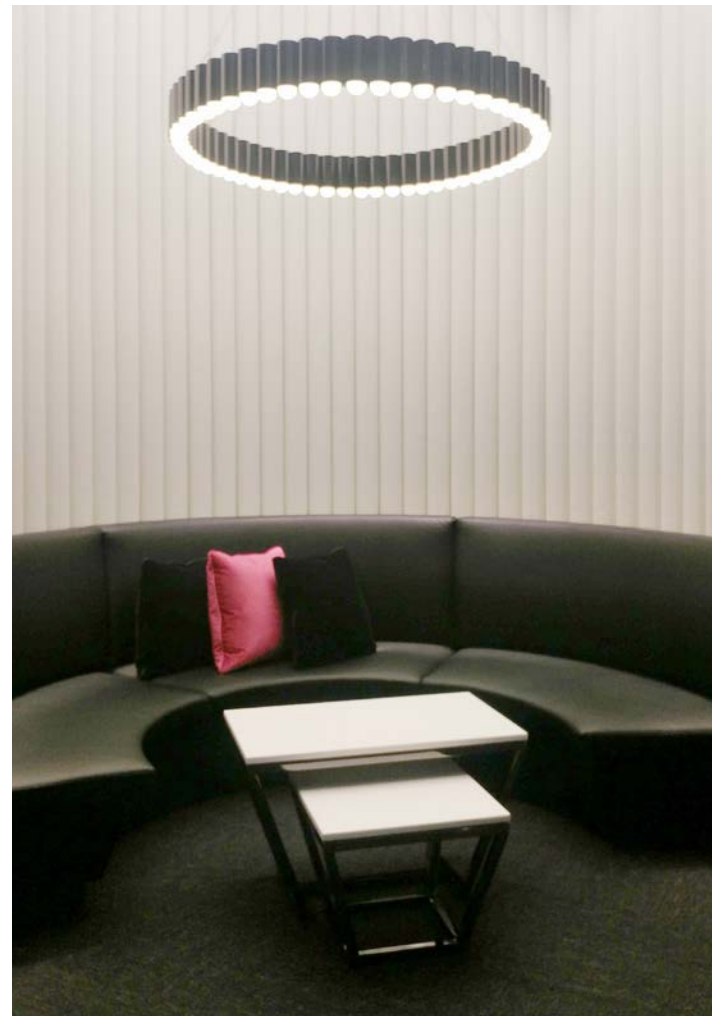


1, 2, 3 T-Mobile Retail

Location: Las Vegas, NV USA
Material: HI-MACS® Arctic White

4 Retail Design Expo

Location: Retail Design Expo, Stand Q9, London
Design: Archistudio Podrini Associati, Italy
Fabrication: Qubicle Solid Surface, UK
Photo: Marcus Peel Photography



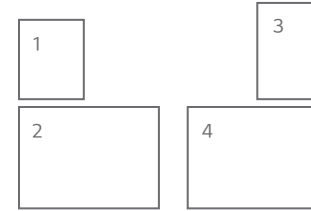
MUSEUM & EXHIBITION





A SPACE CREATED FOR FASCINATION AND EMOTION

Porsche has created a building that inspires and represents the fascination of the brand. This prestige is achieved all across the building. The Austrian architects Delugan Meissl created a 5,600 m² monolithic piece of art as well as being hugely dynamic. Here not only the famous Porsche model excel but also on HI-MACS[®] which underscores the luxurious and minimalist ambiance. The visually seam less fabrication creates a gentle yet highly resistant surface. HI-MACS[®] is both visually and functionally the perfect partner for this challenging project.



1 Audi international Stand

Location: IAA, Frankfurt am Main, Germany
 Design: oettle ferber associates
 Material: HI-MACS[®] Alpine White

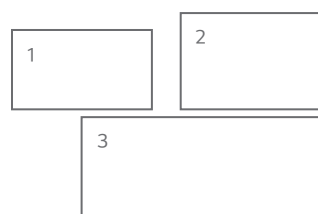
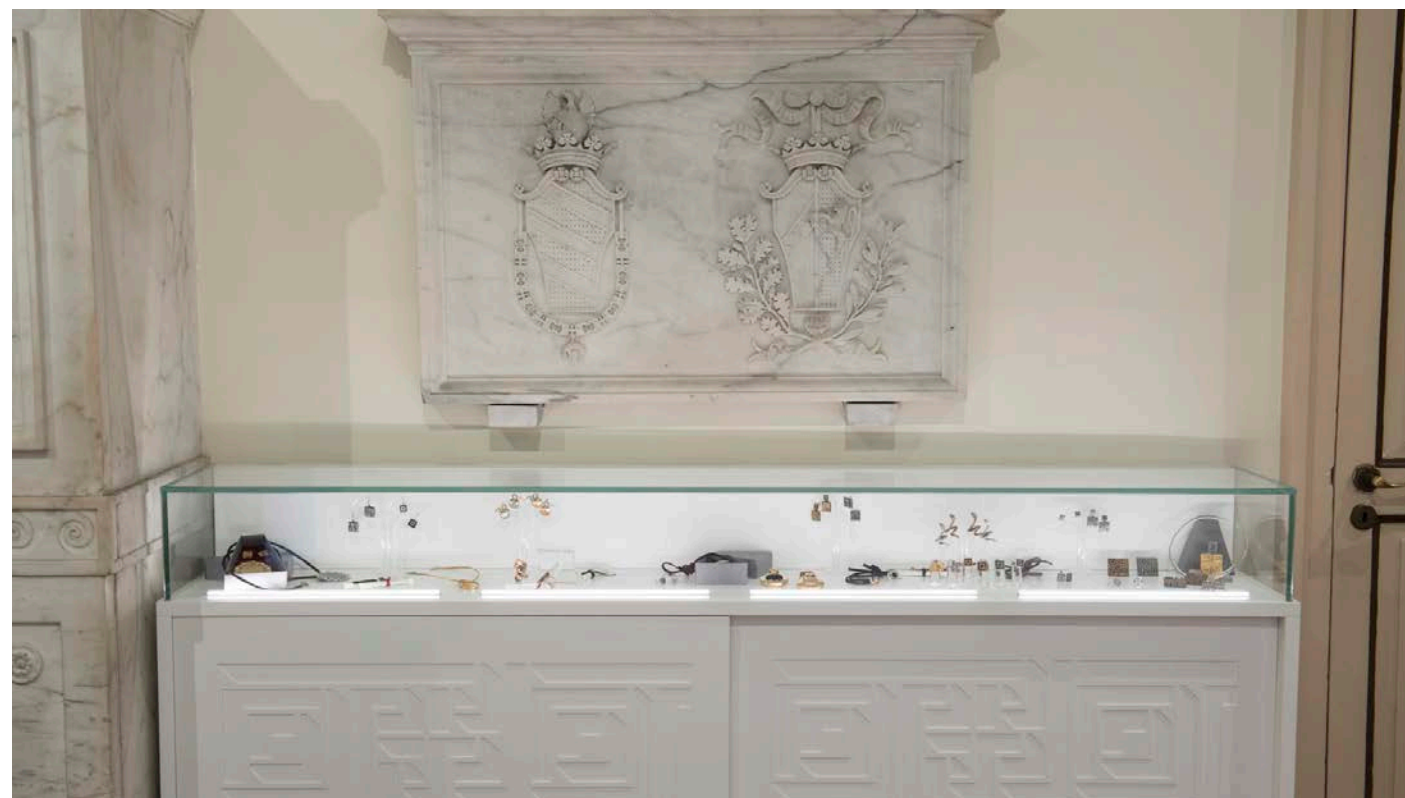
2 Porsche Museum

Location: Stuttgart, Germany
 Design: Delugan-Meissl ZT GmbH, Austria
 Fabrication: Roskopf & Partner AG
 Graichen Bau- und Möbelwerkstätten GmbH
 Klöpfer Surfaces
 Material: HI-MACS[®] Alpine White

3, 4 Schiller museum

Location: Marbach, Germany
 Design: COAST Office Architecture
 Fabrication: Schreinerei Lell – Klöpfer Surfaces
 Material: HI-MACS[®] Arctic White





1 Cappella Sansevero museum in Naples

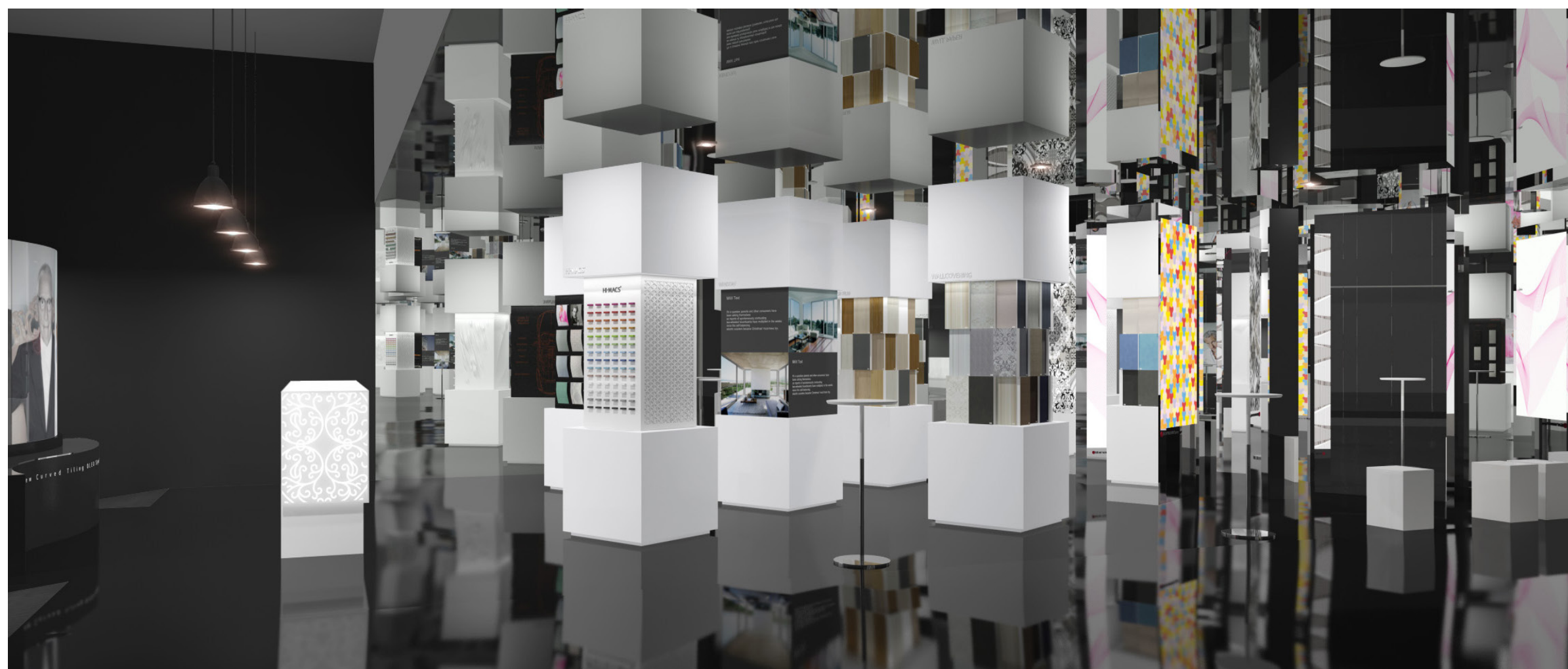
Location: Naples, Italy
 Design: Marita Francescon, Italy
 Material: HI-MACS® Alpine White
 Photo: ©Marco Ghidelli

2 Händel Haus

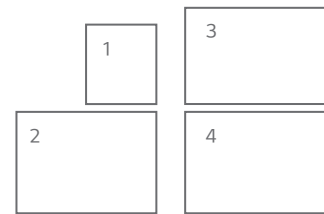
Location: Halle, Germany
 Design: Gerhards & Glücker
 Fabrication: Möbel Damm
 Material: HI-MACS® Arctic White

3 HI-MACS® at the Milan Design Week

Location: SuperDesign Show, Superstudio Più via tortona 27, Milan - Italy
 Design: Alessandro Mendini, Stefano Giovannoni, Karim Rashid, Marcel Wanders, Ben van Berkel
 Others Curator: Sung-Hee Park



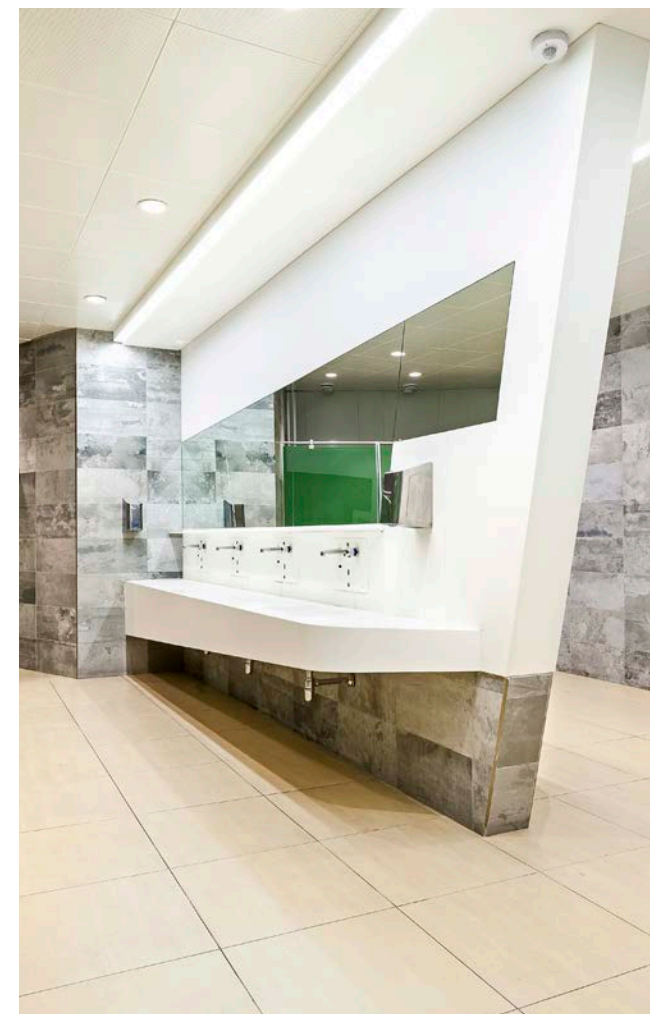
MUSEUM & EXHIBITION



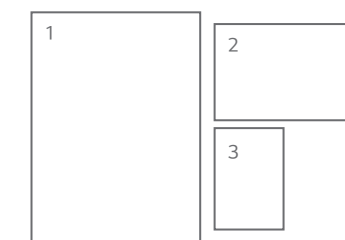
1, 2 HI Connect® 2015
 Designe: designONE studio
 Photo: Katrina Kostik
 Material: Viatera® Soprano, Minuet

3, 4 KBIS 2018
 Material: Viatera® Stella, Caelum, Aura, Muse

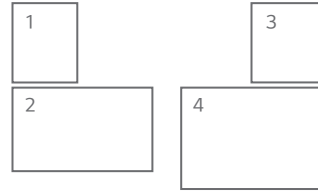
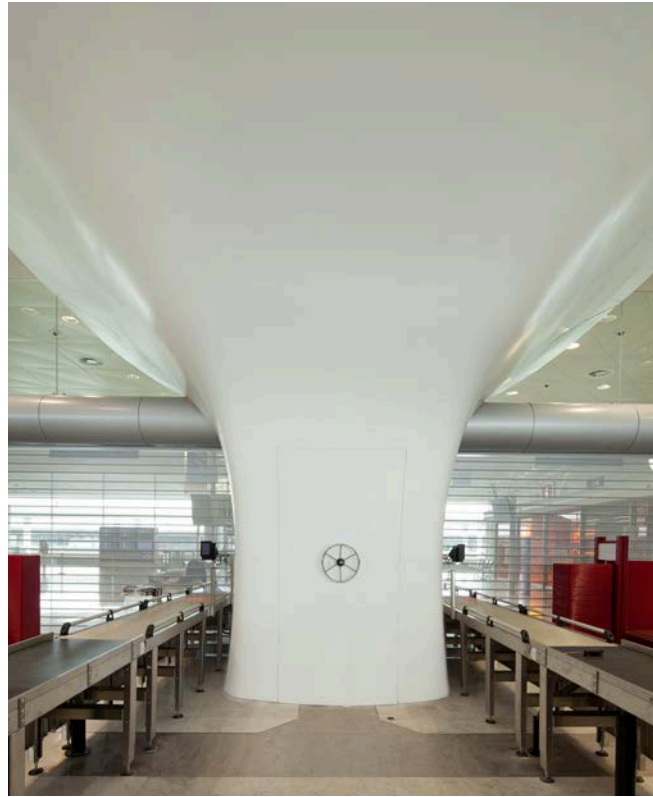




NAPLES AIRPORT EMBRACES HI-MACS®
 The bars in all departure halls and the check-in desks are all framed with large radii: robust, easy-care and with a high-quality look. This includes the benches where passengers can while away the time in comfort.

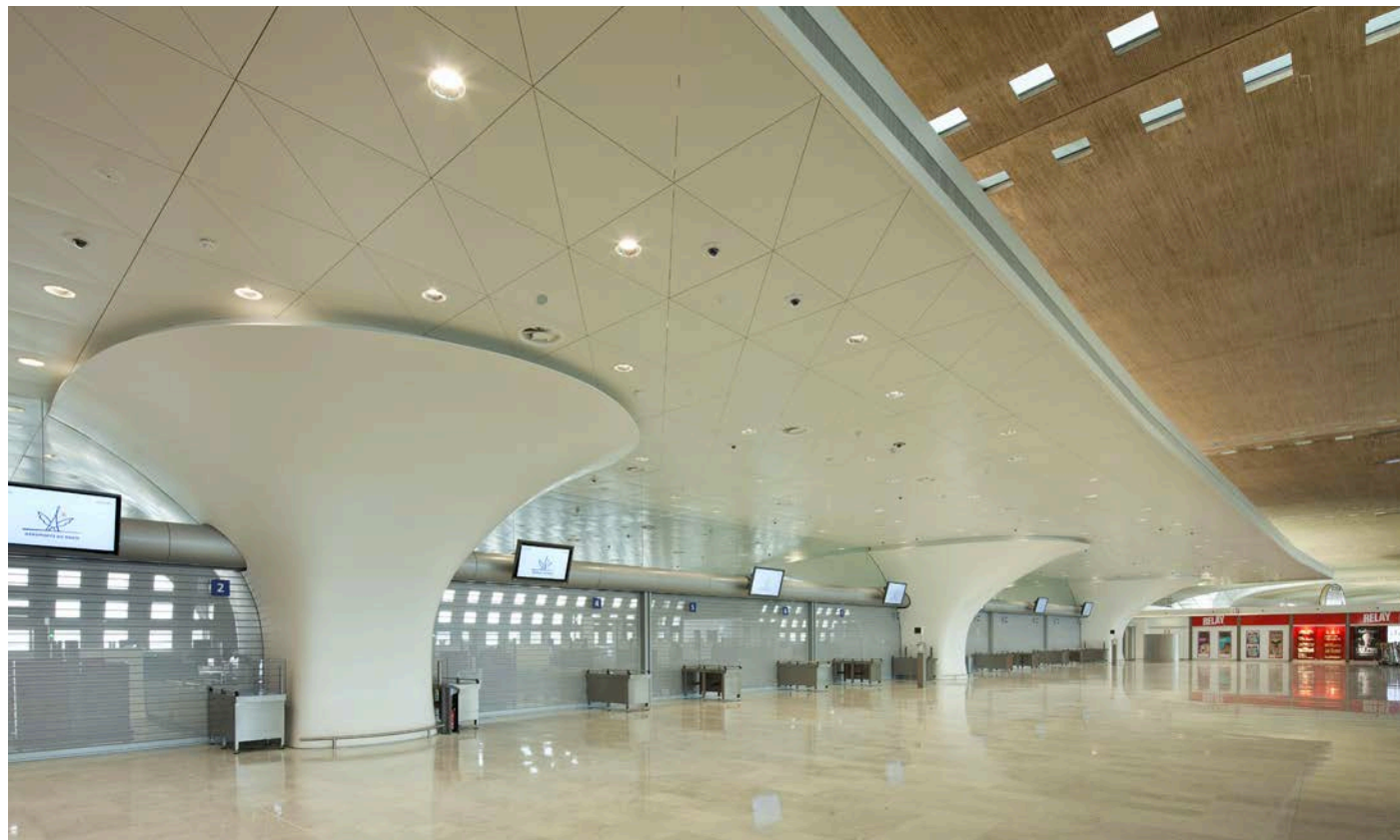


International Airport of Naples – Capodichino
 Location: Naples, Italy
 Designer: Antonio De Martino – Gnosis Architettura
 Fabrication: Ares srl
 HI-MACS® Supplier: Luigi Strumolo Spa
 Material: HI-MACS® Alpine White



Column Cladding at Paris Charles de Gaulle Airport
 Location: Paris Charles de Gaulle Airport - Terminal 2F
 Design: Architects Marc Fidelle and Andrei David
 Engineering Paris Airport
 Fabrication: LCCA, France
 Material: HI-MACS® Alpine White

Airport Prague
 Location: Prague, Czech Republic
 Fabrication: A.M.O.S. Design
 Material: HI-MACS® Cream, Gray, Sky Blue



AIRPORT PRAGUE

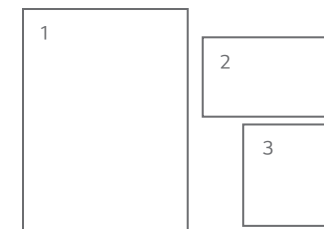
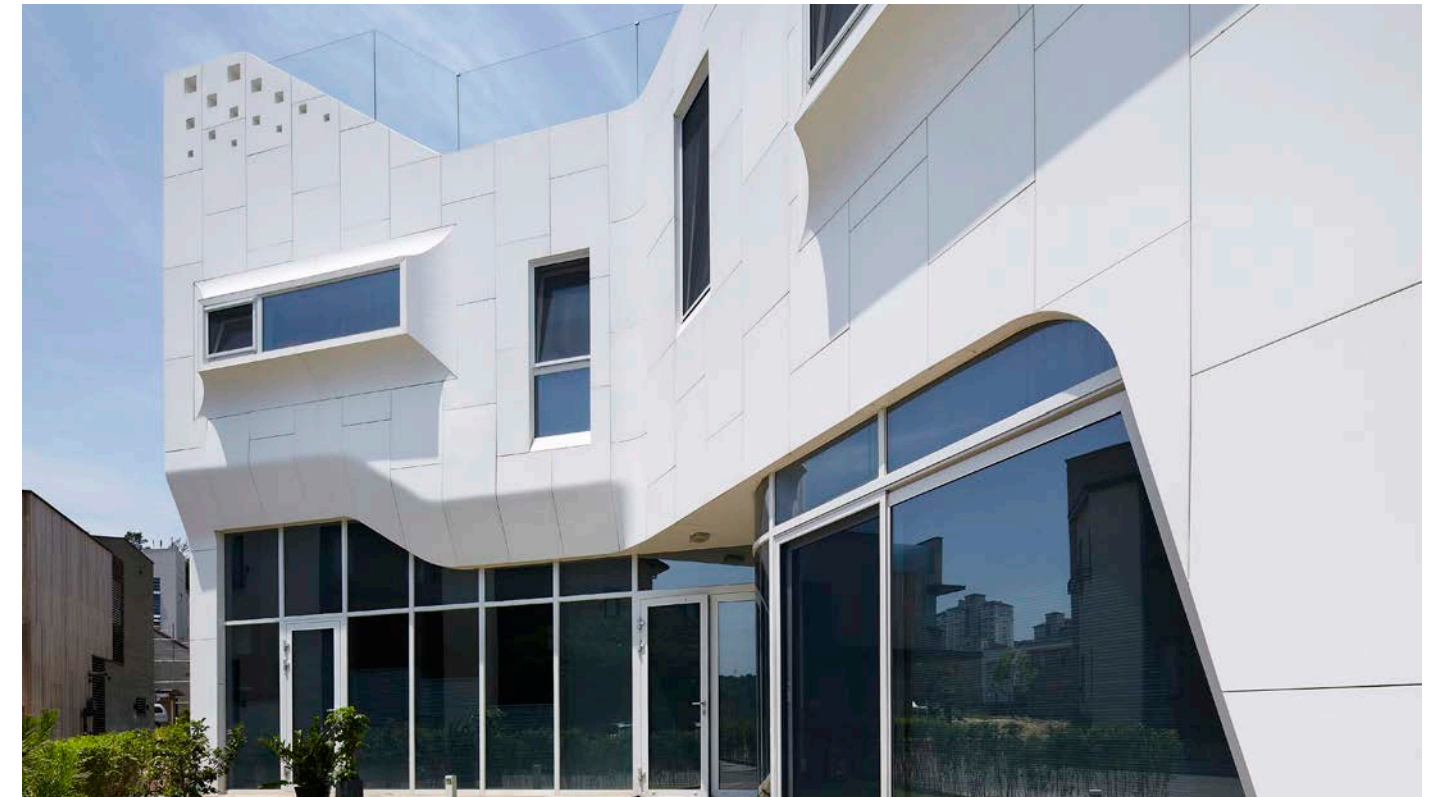
On the one hand airports are prestigious spaces, as well as being functional spaces that have to cope with extremes of wear and tear. In this environment any installation is exposed to extremely heavy use. Desks, counters and shelves are touched again and again by guests and for this reason the construction materials used should have a pleasing, soft surface, be extremely wear resistant and simple to maintain.





BENETEAU'S FACADE

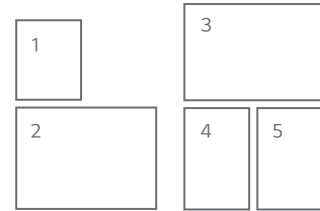
The main southern facing façade with the mesh-like design is built in HI-MACS® and identifies BENETEAU headquarters. Thanks to the adaptability and excellent thermoformability of HI-MACS®, BERI 21 was able to create this remarkable work.



1 Beneteau's facade
 Location: Givrand (Saint-Gilles-Croix-de-Vie area), France
 Design: PAD Architectes for BERI 21
 Fabrication: LCCA
 Material: HI-MACS® Alpine White
 Photo: Mathieu Ducros©

2, 3 Korean Pan-gyo House
 Location: Pan-gyo, South Korea
 Design: Office 53427
 Fabrication: Daemyung ATM
 Material: HI-MACS® Alpine White
 Photo: Yongkwan Kim





1, 2 Modern Villa in Cannes, France

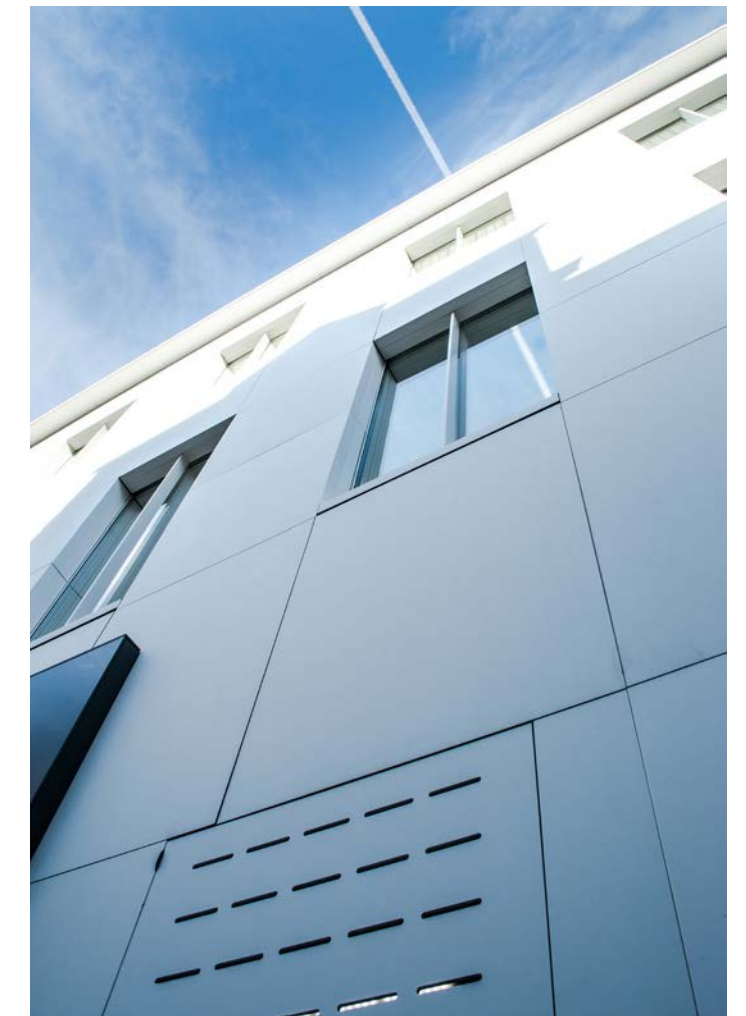
Location: Cannes, France
 Design: Pierre Guidoni, Jean Rogliano
 Fabrication: Menuiserie Bareau
 HI-MACS® Supplier: Mobistrat
 Material: HI-MACS® Cream
 Photo: Mathieu Ducros

3 Sokcho House in White

Location: Gangwon-do, South Korea
 Design: Woo-jin, LIM AEV Architectures
 Material: HI-MACS® Arctic White

4, 5 HI-MACS® Façade for Bershka

Architect/Designer: Boud Rombouts
 Façade Specialist: Apers & Partners bvba
 Material: HI-MACS® Steel Gray, Alpine White
 HI-MACS® Supplier: Engels Design & Decoration
 Photo: Pascal Deruyck

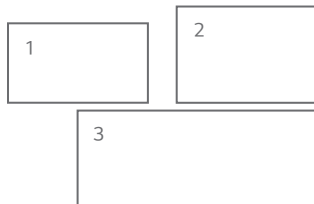




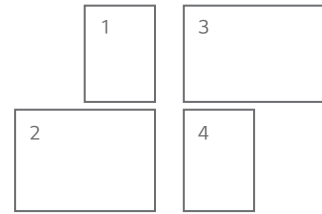
HI-MACS® OFFERS CREATIVE FREEDOM IN PUBLIC AREAS

The 2.5 m long HI-MACS® panels are mounted on an agraffe using a stainless steel undercut anchor, hinged reversibly into an aluminium façade substructure. Open horizontal and vertical joints compensate temperature-related length changes and ensure the necessary level of wall ventilation. The plane aluminium plate substructure covers the concrete wall, while acting as a reflector for the effect lighting at the same time. The cavity behind the curved panel is used for mounting the lights.

“There is no other material which offers this creative freedom in combination with a high level of functionality in terms of durability and resistance to environmental impacts” says Marek about HI-MACS®.



1, 2, 3
Train station Schwäbisch Gmünd
 Location: Schwäbisch Gmünd, Germany
 Design: preiswerk marek architekten
 Engineering: 5D Engineering
 Material: HI-MACS® Alpine White
 Photo: Uwe Röder



1, 2 Schönhauser Tor
 Location: Torstraße 49, Berlin - Germany
 Design: neo systems architects
 Engineering: 5D Engineering GmbH, Dresden
 Material: HI-MACS® Opal
 Photo: Volker Mai and Andreas Mikutta



ZARA

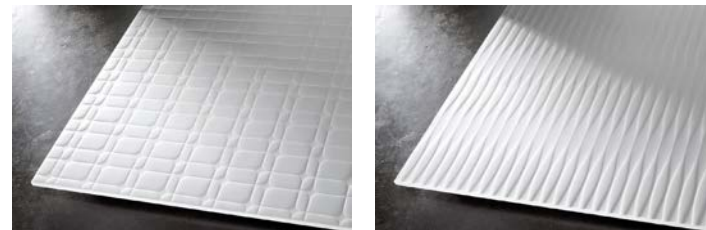
For the Spanish fashion brand HI-MACS® has been implemented in a futuristic appearance that is inviting. The three-dimensional shapes and textures of the facade lend depth and the diagonal lines that lead to brand cutouts direct the attention of passers-by to the entrance. And quietly say: Welcome.

3, 4 Zara Westfield Shopping Complex
 Location: Westfield Shopping Complex, London
 Design: Zara Estudio, Spain
 Fabricator: Grupo Candido Hermida, Spain
 Material: HI-MACS® Toffee Brown
 Photo: Marc Wilson



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 pane.

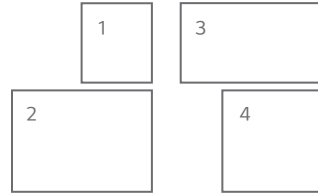


HI-MACS Structura® is available as standard in ten attractive finishes.



"LEAF" at Maison & Objet
Location: MAISON & OBJET PROJECT Sector / Hall 7 - Stand B2-C1
Design: Culimaat High End Kitchens
Material: HI-MACS® Alpine White
Photo: ©René van Dongen

KITCHEN



1, 2 HI-MACS® in a new version of Artika from Pedini at IMM 2017
 Location IMM Cologne 2017, Germany - Booth C033, Pav. 05.2.
 Design: Pedini Cucine
 Fabrication: FG Arredi srl
 Material: HI-MACS® Babylon Beige
 Photo: Pedini Cucine

3 Sinks and basins
 Material: HI-MACS®
 Photo: Studio Podrini

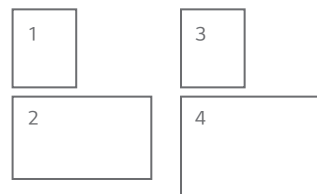
4 A house in Switzerland: discreet design in combination with HI-MACS®
 Location: Wil / Bronschhofen
 Design: Egli & Partner AG, Architekturbüro
 Fabrication: Interior fittings - kitchen, bathrooms: Keller Züberwangen AG
 Material: HI-MACS® Nordic White
 Photo: Inspiration Bild. Zuberbühler Fotografie AG
 Others: HI-MACS® Supplier: kläusler acrylstein ag



A house in Switzerland
 Reto Broger of Keller Züberwangen AG, the company which designed the HI-MACS® elements: "We have been using the solid surface in interior fittings for years. We design kitchen elements, wash stands and much more. HI-MACS® facilitates an easy implementation of design. Also, our customers like its durability that proves outstanding, even if used heavily on a daily basis."



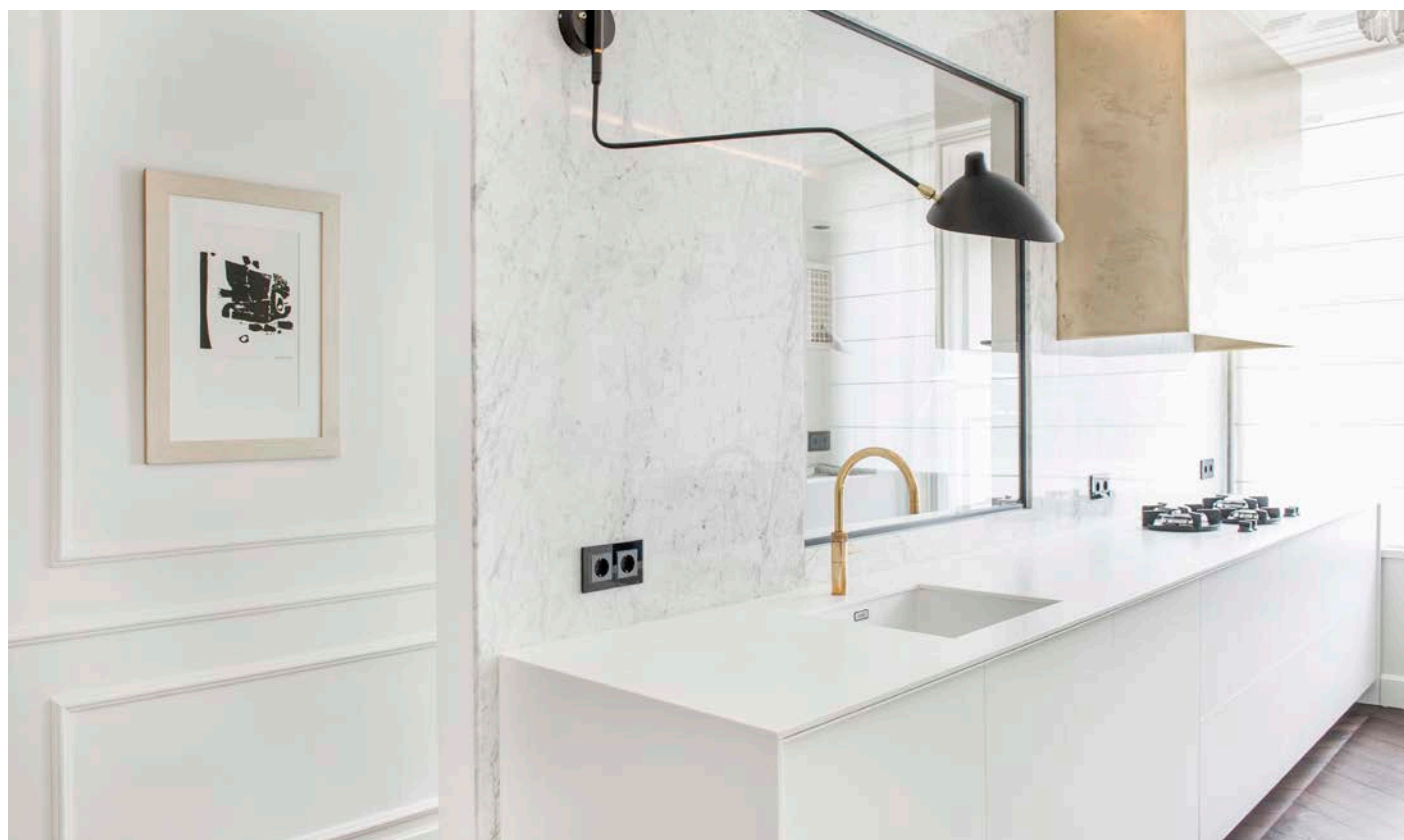
SEAMLESSLY BLENDING TRADITIONAL AND MODERN
 It's hard to believe that the rooms you see here are located in an old, abandoned building in Amsterdam. Modern architecture was used in the renovation; the narrow basic structure of the rooms was countered by radiant white and clever, room-saving details to create a light and spacious feel.



1, 2 Cocoon Living
 Location: Amsterdam, The Netherlands
 Design: Sander van Eyck – Cocoon Living
 Fabrication: Vincent Vd Burg Meubelmakerij
 HI-MACS® Supplier: Baars & Bloemhoff
 Material: HI-MACS® Alpine White



3, 4 Kitchen at private house
 Location: Italy
 Design: Simone Piva
 Fabrication: Simone Piva
 Photo: Francesca Bottazzin
 Material: HI-MACS® Alpine White



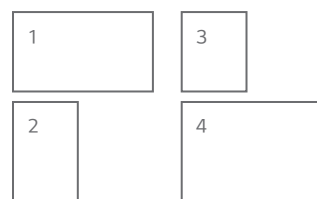


3, 4 Vancouver Maple Grizzly Kitchen
 Location: PA USA
 Designer: Leslie Haefling
 Material: HI-MACS® Glitz



Kitchens

The ingredients as well as the material on which they are prepared, have a key role to play in creating a thoroughly successful meal. Thanks to its non-porous, dirt-repellent surface, HI-MACS® is ideal for working with food and even common chemicals cannot harm the material. Cooking thus becomes an absolute pleasure.



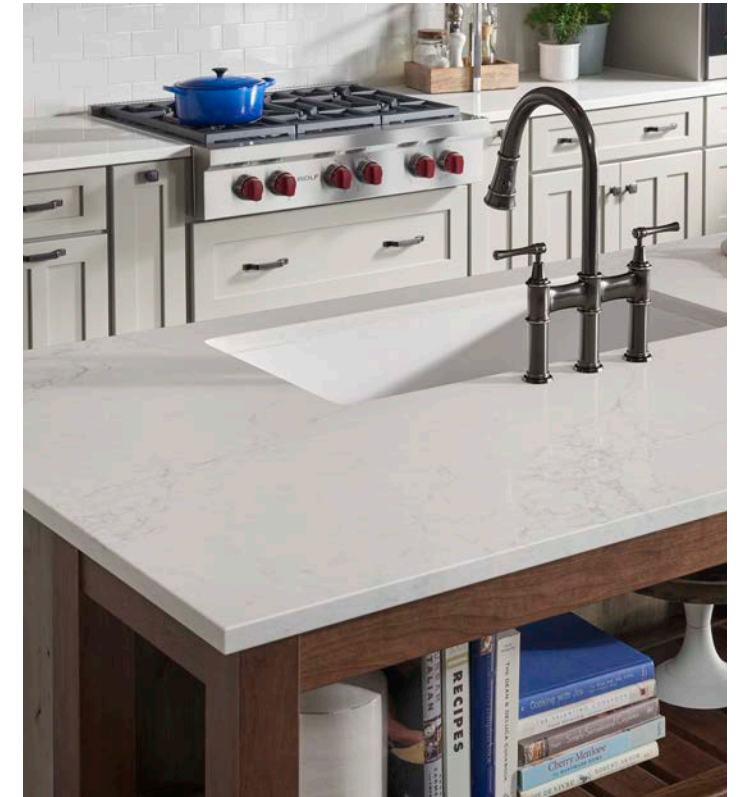
1, 2 HI-MACS kitchen with Masterbrand cabinets
 Location: PA USA
 Material: HI-MACS® Ferrara

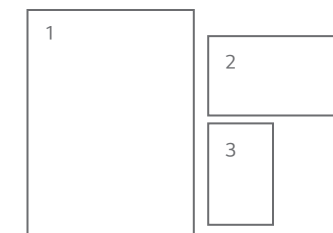




1 Broan Kitchen
 Location: PA USA
 Material: Viatera® Aura

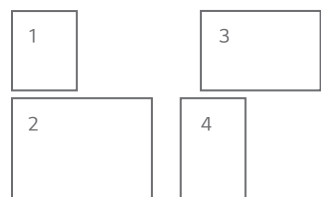
2, 3 Yorktowne Iconic Kitchen
 Location: PA USA
 Material: Viatera® Muse





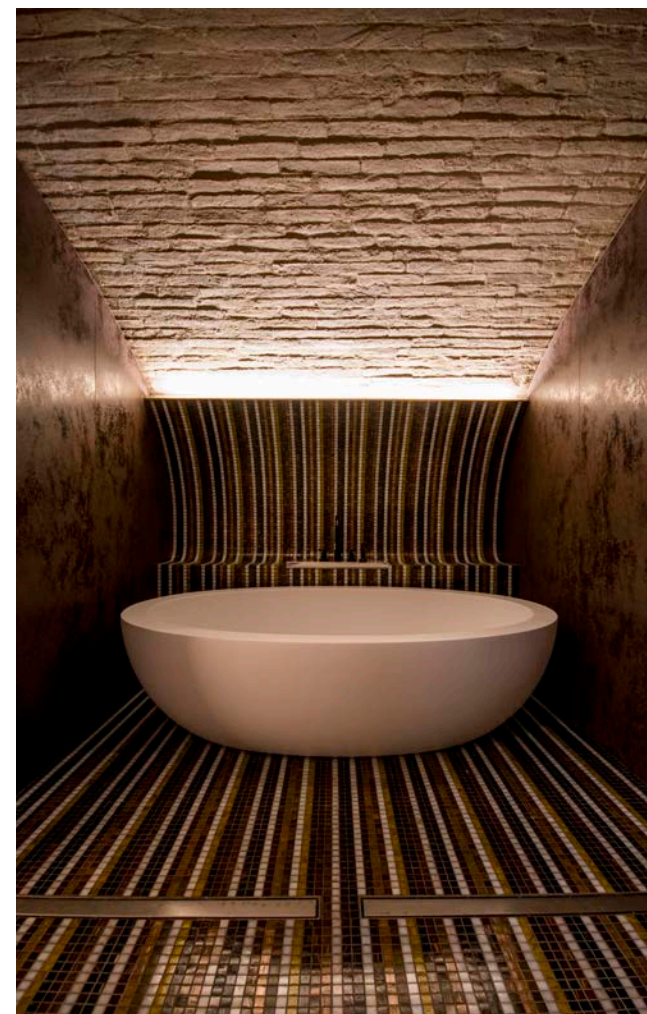
1, 3 Rifra
 Location: Milan Design Week
 Design: Rifra, Italy
 Fabrication: Dform, Italy
 Material: HI-MACS® Alpine White

2 A house in Switzerland: discreet design in combination with HI-MACS®
 Location: Wil / Bronschhofen
 Design: Egli & Partner AG, Architekturbüro
 Fabrication: Interior fittings - kitchen, bathrooms: Keller Züberwangen AG
 Material: HI-MACS® Nordic White
 Photo: Inspiration Bild. Zuberbühler Fotografie AG
 Others: HI-MACS® Supplier: kläusler acrylstein ag



1 Wet room at Barn conversion
 Location: West Sussex, UK
 Design and Fabrication: Solidity Ltd
 Material: HI-MACS® Alpine White

2 NotOnlyWhite Bathroom Collections
 Design: Marike Andeweg
 Producer: NotOnlyWhite
 Fabricator: Roskopf + Partner AG
 Material: HI-MACS® Gray, Alpine White, Babylon Beige
 Photo: Moni van Bruggen

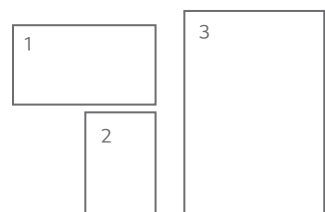


JARO VETVICKA

Sinks and bowls can be fabricated in almost any shape from sheets of HI-MACS®. Usually this is done by thermoforming the material in what is known as a deep drawing process, here very cleverly used in an open elliptical shape.

3 Jaro Vetvicka
 Project: HI-MACS Design Contest 2007 - Winner
 Location: Czech Republic
 Design: Jaro Vetvicka
 Fabricator: Polytrade CE
 Material: HI-MACS® Alpine White, Sky Blue and Black

4 HI-MACS® for Augeo Art Space
 Location: Rimini, Italy
 Design: Yasmine Mahmoudieh, Studio Mahmoudieh
 Engineering: Technical consultancy: Studio Cumo Mori Roversi
 Fabrication: Dform Srl, Italy
 Material: HI-MACS® Alpine White
 Photo: Riccardo Gallini
 Others Commissioned by: Sergio Antolini and Matteo Sormani

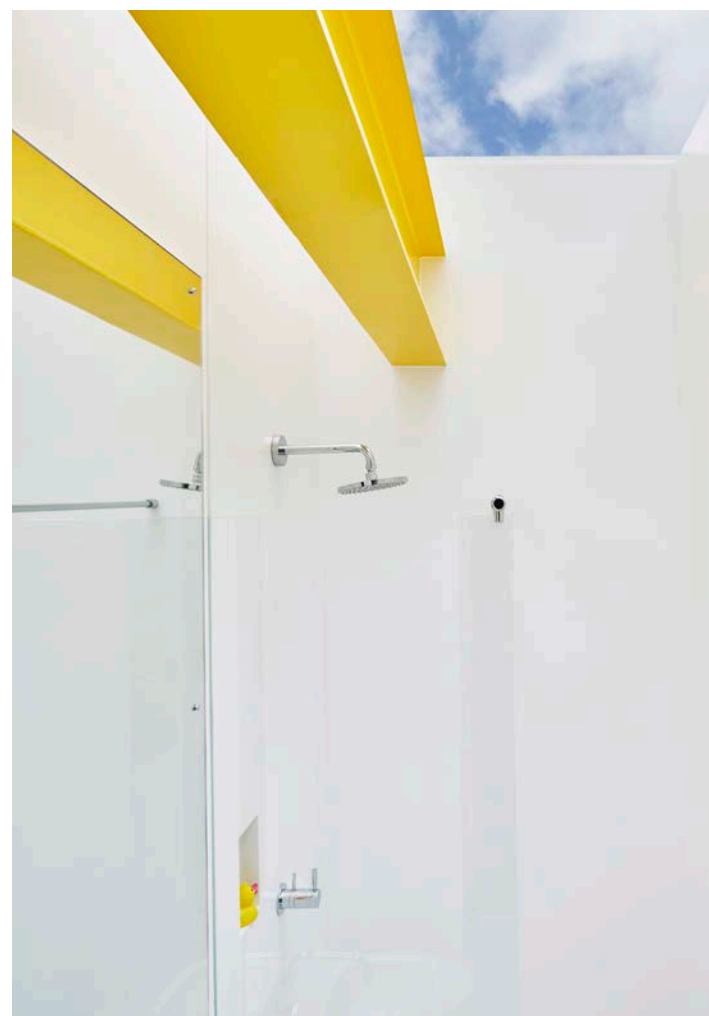


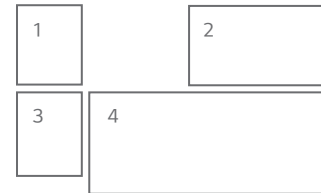
1 Level

Location: The Netherlands
 Design: Binnenvorm
 Fabrication: Baths by Clay
 HI-MACS® Supplier: Baars & Bloemhoff
 Material: HI-MACS® Satin White

2, 3 22 Parkside (Richard Rogers' House)

Location: Wimbledon, London, UK
 Design: Gumuchdjan Architects
 Fabrication: Solidity
 Material: HI-MACS® Alpine White





1 Bathroom vanity
Material: Viatera® Raffine

2 Serenbe Showhouse
Location: Chattahoochee Hills, GA USA
Material: Viatera® Aria
Photo: Steven Long

3, 4 Stonewood Bathroom
Location: Alamo, CA USA
Design: Julie Holland, Stonewood Kitchen and Bath
Material: Viatera® Lento
Photo: Blue Gator Photography





INTRODUCING HI-MACS® DESIGN LAB

HI-MACS® DESIGN LAB provides you the option to choose. Simply select a color and submit the color matching request. We will match the color and produce your personalized HI-MACS®.

HI-MACS® DESIGN LAB BENEFITS

- **Low minimum order quantity**

The minimum order quantity requirement is only 5 sheets

- **Unlimited possibility**

We can match any solid color imaginable

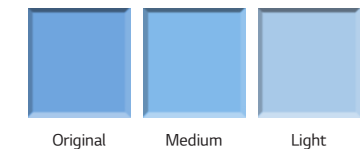
- **Quick turnaround**

You will receive the product within 6 weeks from the time the order is placed

STEP 1 CHOOSE YOUR COLOR

You may choose any **solid color** from an available color resource or color swatch. You also have an option to provide a color sample (such as paint, cloth or other materials with solid color) you want us to match.

You can choose the **pigment level** of your color choice. Choose from original, medium or light. (Darker colors may appear slightly faded and show low or no transparency.)



Original

Medium

Light

STEP 2 COLOR MATCHING & SAMPLE DELIVERY

Request a sample by contacting LG Hausys territory manager or specification manager. We will start the color matching process and deliver the sample for you to review. There is no charge for color matching.

STEP 3 PURCHASE ORDER

Confirm your color upon receiving your sample.

Process your order with LG Hausys territory manager or specification manager. Once the order is placed, allow up to six weeks to receive the ordered product.

MORE QUESTIONS?

Please contact your LG Hausys territory manager or specification manager or Email surfacespmusa@lghausys.com.

Refer to page 50 and 51 to see an example of HI-MACS® Design Lab.

HI-MACS® PERFORMANCE PROPERTIES

HI-MACS® DIMENSION & WEIGHT

	SIZE	WEIGHT	THICK.
12T	30" x 145"	126 lbs	1/2"
9T	30" x 145"	94 lbs	3/8"
6T	30" x 98"	44 lbs	1/4"

All colors are available in 1/2" thickness. Please contact the LG Hausys representative for other thickness availability.

PROPERTY	TYPICAL RESULT	TEST
Tensile Strength	6,000 psi	ASTM D 638
Tensile Modulus	1.35 x 10 ⁶ / sq inch (850 kg / sq mm)	ASTM D 638 Nominal
Tensile Elongation	0.5% min	ASTM D 638
Flexural Strength	57.96 Mpa (8,407 PSI)	ASTM D 790
Flexural Modulus	1.34 x 10 ⁶ / sq inch	ASTM D 790
Hardness	60 Pass	ASTM D 2583
Thermal Expansion	0.000018 inch / inch / °F	ASTM D 696
Deflection Temperature (under load)	90 °C (194 °F)	ASTM D 648
Approximate Weight	4.20 lbs per sq ft (20.5 kg / sq m)	
Light Resistance	No Effect - Pass	NEMA LD 3-3.03 ISSFA SST 7.1
Wear and Cleanability	Pass	ANSI Z-124.3 ISSFA SST 3.1-00
Stain Resistance	No Effect - Pass	ANSI Z-124.3 Modified; 3.4 & 11
Fungus and Bacterial Resistance	No Effect - Pass Approved for use in all food zones	ASTM G 21 / ASTM G 22 ANSI / NSF Standard 51
Boiling Water Resistance	No Effect - Pass	NEMA LD 3-3.05 ISSFA SST 8.1-00
High Temperature Resistance	No Effect - Pass	NEMA LD 3-3.06 ISSFA SST 9.1-00
Radiant Heat Resistance	No Effect - Pass	NEMA LD 3-3.10
Izod Impact	0.3 foot lbs per inch (0.016 joules / mm)	ASTM D 256, Method A
Ball Impact Resistance	0.5 lbs (0.23 kg) ball 1/4" slab - 36" drop 1/2" slab - 144" drop	NEMA LD 3-3.08
Weatherability	Pass (1000 hr test)	ASTM D 2565 / ASTM D-1499
Specific Gravity	1.60 grams per cubic centimeter (0.06 lb / inch ³)	ASTM D792 (Density)
Water Absorption	1/4" slab - 0.07% 1/2" slab - 0.04%	ISO 4586-2 / ASTM D570
Toxicity	66.9 grams (2.36 oz)	Pittsburgh Protocol
Flammability*		ASTM E84: Class I or A
Flame Spread Index	<25	
Smoke Development Index	<25	
Consistency of Color	Pass	ISSFA SST 2.10 Pass
Visual Defects	Pass	ISSFA SST 5.1 Pass
Flatness of Sheets	Pass	ISSFA SST 4.1

VIATERA® PERFORMANCE PROPERTIES

VIATERA® DIMENSION & WEIGHT

	SIZE	WEIGHT	THICK.
STANDARD 2T	55"x119"	467 lbs	2cm
STANDARD 3T	55"x119"	697 lbs	3cm
JUMBO I. 2T	63"x126"	564 lbs	2cm
JUMBO I. 3T	63"x126"	833 lbs	3cm
JUMBO II. 2T	63"x130"	585 lbs	2cm
JUMBO II. 3T	63"x130"	870 lbs	3cm

PROPERTY	TYPICAL RESULT	TEST
Point Impact	Pass	ANSI Z124.6.4.2.1
Colorfastness	Pass	ANSI Z124.6.5.1
Stain Resistance	Pass	ANSI Z124.6.4.2
Wear & Cleanability	Pass	ANSI Z124.6.4.3
Cigarette Test	Pass	ANSI Z124.6.4.4
Chemical Resistance	Pass	ANSI Z124.6.4.5
Freeze / Thaw Cycling	No Loss / Damage	ASTM C1026
Coefficient of Friction	Dry: 0.86, Wet: 0.51	ASTM C1028
Compressive Strength	42,230 psi	ASTM C170
Water Absorption	0.0004	ASTM C97
Bulk Specific Gravity	152.07 lb / ft ³	ASTM C97
Izod Impact Resistance	0.3468 ft-lb / inch	ASTM D256
Barcol Hardness	94	ASTM D2583
Abrasion Resistance	40 mg (weight loss)	ASTM D4060
Bond Strength	164.9 psi	ASTM D482
Tensile Strength	1,007.25 psi	ASTM D638
Deflection Temperature	279 °C	ASTM D648
Thermal Expansion	1.55 - 1.83 (unit: 10 ⁻⁵ inch / inch / °C)	ASTM D696
Flexural Strength	4,114 psi	ASTM D790
Surface Burning Characteristic	Class A	ASTM E84
Fungal & Bacteria Resistance	No Growth	ASTM G21
Boiling Water Resistance	No Effect	NEMA LD3 3.5
High Temperature Resistance	No Effect	NEMA LD3 3.6

CONTACT US

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Marcel Wanders for LG Hausys at Milan Design Week 2015
Superdesign Show - Temporary Museum for New Design, Milan, Italy
Design & Photo by Marcel Wanders