

HIMACS

Although HIMACS is almost as robust as stone, it can be worked in the same way as wood. It lends itself to the creation of an endless variety of multi-dimensional forms and much, much more.



HI·MACS



1 Seven kinds of benefits



Advanced Technology



Unlimited Colour Spectrum



Seamless Perfection



Three Dimensional Design Process



Dramatic Translucency



Hygienic



HIMACS vs Mixed Product

2 Discover more products



HIMACS Ultra-Thermoforming



HIMACS Intense Ultra



HIMACS Exteria®

3

Eco-friendly

Quality Service

Extra Features

HI·MACS



Advanced Technology

The material is heated in a progressive high temperature hardening process (Thermal Cure), which sets HIMACS apart from other mineral materials and produces a new and stronger compound in which any structural defects are perfectly evened out.

Raiffeisen's flagship, Zurich, Switzerland - Design : NAU Architecture, Drexler Guinand Jauslin Architekten + Rok Rippman Oesterle Knauss (Wallcovering patterns) – Material : HIMACS 12mm Alpine White - Photo credit : ©Jan Bitter- Others : Wallcovering and joinery: Glaeser Baden AG

What exactly is HIMACS ?



Advanced Technology

An outstanding material

HIMACS is a delicate composition of acrylic, minerals and natural pigments that combine to create a smooth, non porous, thermoformable and visually seamless surface.



67 % Alumina Trihydrate (ATH) ca.
30% Acrylic
3% Natural Pigments

What exactly is HIMACS ?



Advanced Technology



Stronger surface with durability similar to that of natural stone.



No matter if it's a scratch, spill or crack, HIMACS can be restored to its original state by a certified professional.

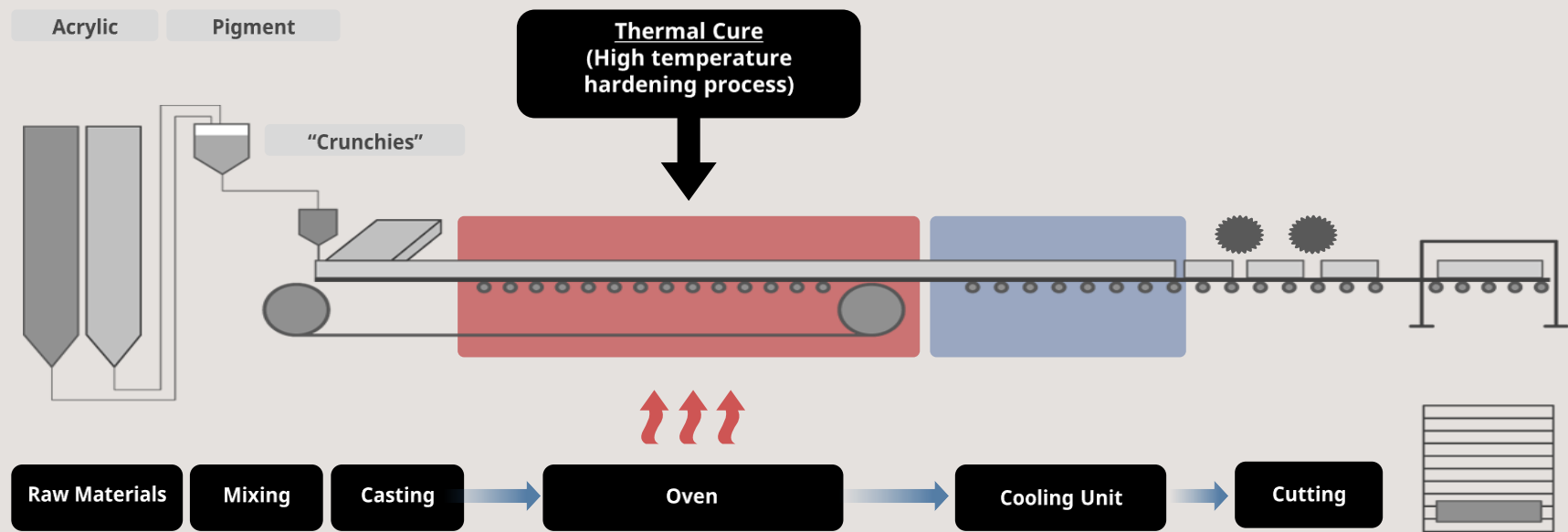


HIMACS is ideal for places where safety is the number 1 criteria of choice.



Thanks to its non-porous surface HIMACS is suitable for humid areas such as wet rooms and bathrooms.

Advanced polymer resin technology



Reduce time, Reduce cost



Advanced Technology

As HIMACS is easy to fabricate, it reduces costs and its high durability allows long usage.

**Easy to
cut**

**Easy to
sand**

**Wide range
of finishes**

**Easy
to maintain**





Naples International Airport, Italy

Designer : Antonio De Martino – Gnosis Architettura, Italy - Fabrication : Ares srl, Italien, aresarredamenti.it - Material : HIMACS, Alpine White –
Photo credit © Roberto Mango



Händel House – Halle, Germany

Design: Gerhards & Glucker, Germany – Fabrication: Möbel Damm – Material: HIMACS Arctic White – Photo credit : ©Werner Huthmacher



Unlimited Colour Spectrum

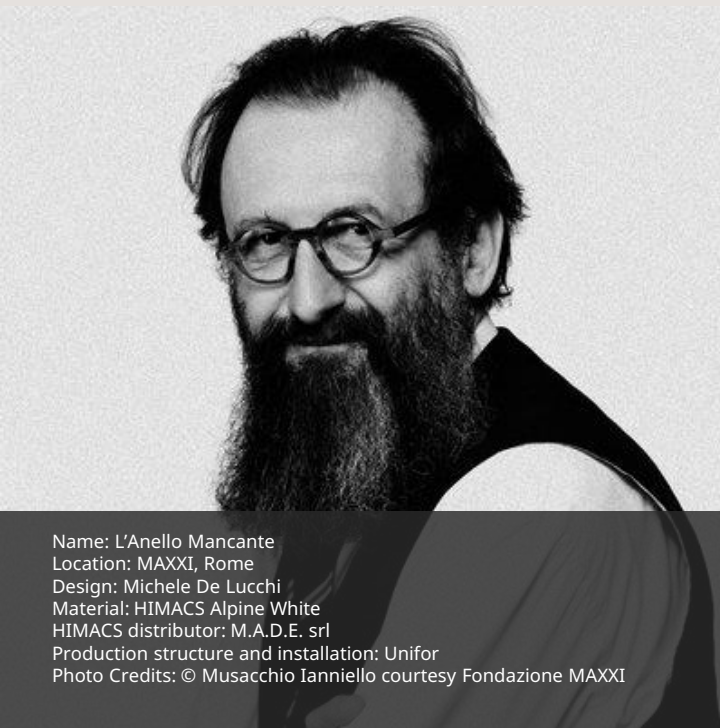
HIMACS offers a virtually limitless range of colours in all conceivable shades. Colours are key in design. We have whatever colour you want – it's your choice.

Marcel Wanders for LX Hausys at Milan Design Week - Design : Marcel Wanders - Material : HIMACS

L'Anello Mancante at MAXXI Museum

Michele De Lucchi

Unlimited colour Spectrum



Name: L'Anello Mancante
Location: MAXXI, Rome
Design: Michele De Lucchi
Material: HIMACS Alpine White
HIMACS distributor: M.A.D.E. srl
Production structure and installation: Unifor
Photo Credits: © Musacchio Ianniello courtesy Fondazione MAXXI



Alpine White

Milan Design Week “Rational and emotional worlds”

■ Unlimited colour Spectrum

Marcel Wanders



Design : Marcel Wanders
Material : HIMACS
Portrait Photo credit : ©Marte Visser
photography



Milan Design Week "Sparkle Krib"

Karim Rashid

Unlimited colour Spectrum



Design : Karim Rashid
Material : HIMACS Sparkle Colours
Photo credit : Federico Torra Curator:
Sung-hee PARK

Hotel Puerta America, Spain

Zaha Hadid

Unlimited colour Spectrum



Design : Zaha Hadid
Material : HIMACS
Photo credit : © Rafael Vargas



Alpine White



Black

Hotel Puerta America, Spain

Ron Arad

■ Unlimited colour Spectrum



Design : Ron Arad
Material : HIMACS
Photo credit : © Rafael Vargas



Alpine White



Fiery Red



Kindergarten, Switzerland

Herrmann Flavio, Switzerland

■ Unlimited colour Spectrum



Design: Herrmann Flavio
Fabrication: IL Falegname Fabrizio Sagl
Material: HIMACS Alpine White, Sky Blue, Banana, Light Green, Sapphire, Ruby, Emerald
Photo Credit : © Claudio Bader



Sky Blue



Sapphire



Banana



Emerald



Ruby

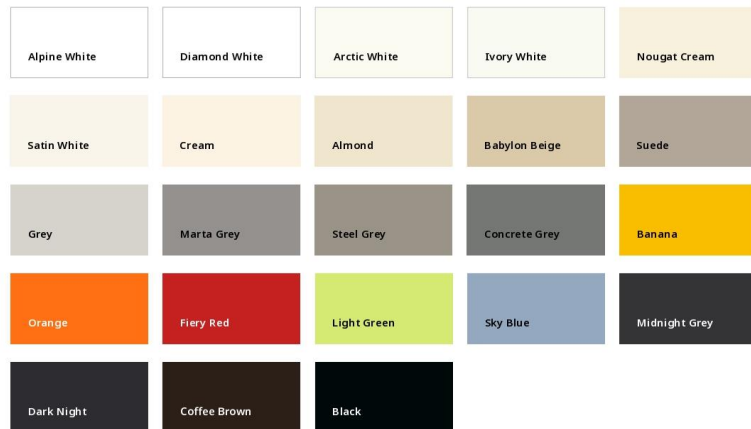


Light Green

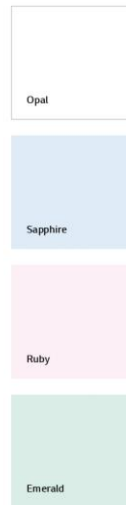
Colours

Unlimited colour Spectrum

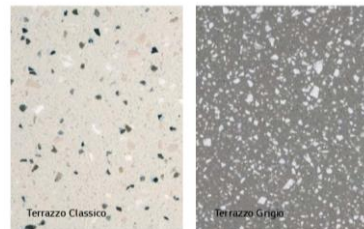
SOLIDS



LUCENT



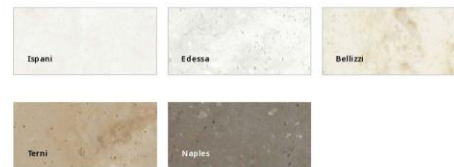
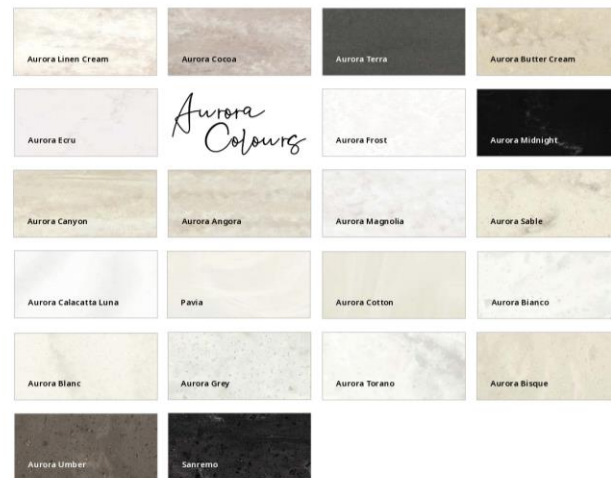
TERRAZZO



STRATO



MARMO - AURORA



Colours

Unlimited colour Spectrum

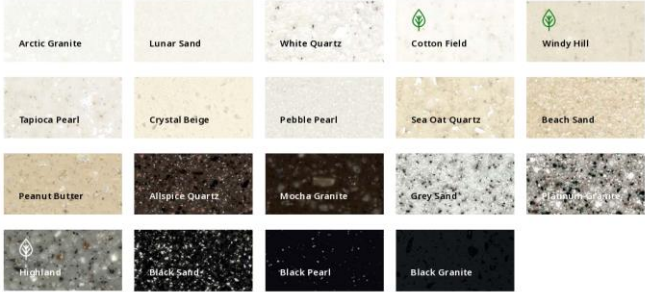
CONCRETE



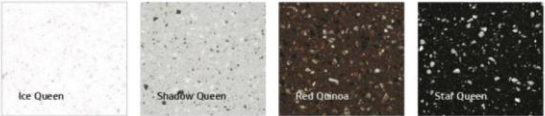
ASTER



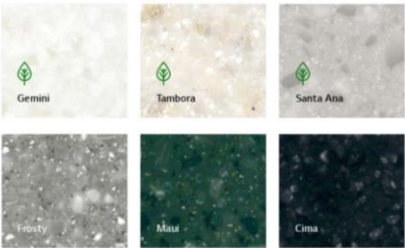
GRANITE, QUARTZ, SAND & PEARL



LUCIA

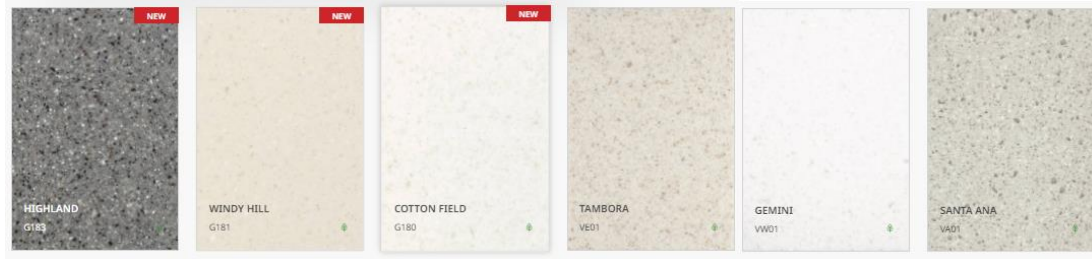


VOLCANICS



Recycled Colours

Unlimited colour Spectrum



Colours – Advanced Series

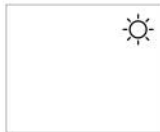
Unlimited colour Spectrum

HIMACS-FR



Alpine White
S728 [12 mm]
 $\Delta E 5$

HIMACS UV+



Alpine White
S828 [12 mm]

HIMACS ULTRA-THERMOFORMING



Alpine White
S928 [12 mm]

HIMACS INTENSE ULTRA



Intense Ultra Grey
S923U [12 mm]



Intense Ultra Dark Grey
S924U [12 mm]



Intense Ultra Black
S922U [12 mm]





HIMACS Ultra-Thermoforming

Innovative formula that pushes boundaries of solid surface
shaping to a whole new level with **30% more**
thermoplastic capabilities



Dimensions – Sheet material

Standard Format

Standard formats are available on stock, for specific thicknesses per colour, please refer to the colour chart on page 66, or contact your sales representative.

SHEET THICK- NESS IN MM	SHEET WIDTH IN MM	SHEET LENGTH IN MM
4.5	930	3000 *
	760	2490
6	910	2490 *
	1350	3680 *
9	760	3680
	910	3680 *
	1350	3680 *
12	760	3680
	910	3680 *
	1350	3000 ***
	1350	3680 *
	1520	3680 *
20	760	3000

Ultra-Thermoforming Format

SHEET THICK- NESS IN MM	SHEET WIDTH IN MM	SHEET LENGTH IN MM
12	760	3680 **
	930	
	1520	

* Only available in S028 Alpine White.
** Only available in S928 Alpine White.
*** Only available in Opal

Standard Formats

760 x 2490 mm

910 x 2490 mm

760 x 3000 mm

1350 x 3000 mm

760 x 3680 mm

910 x 3680 mm

930 x 3680 mm

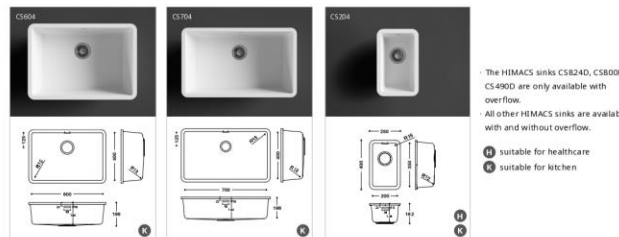
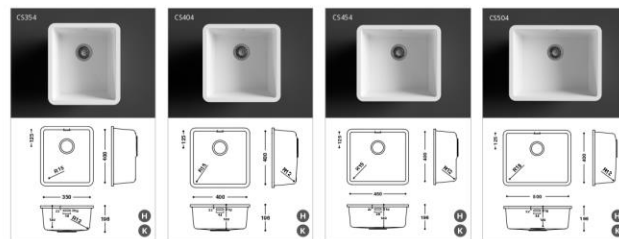
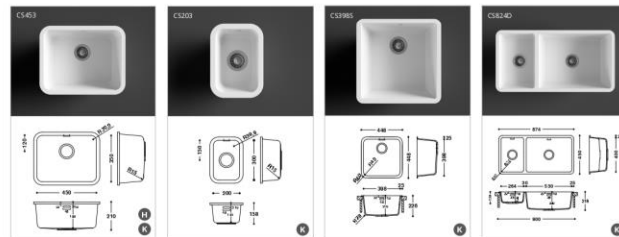
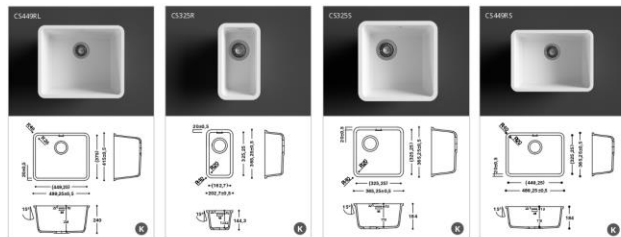
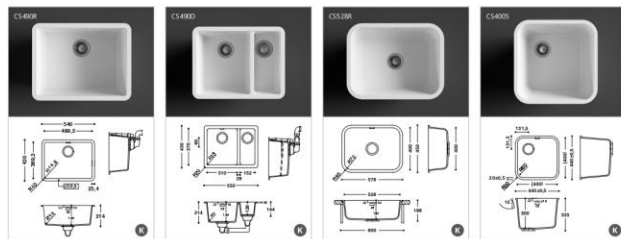
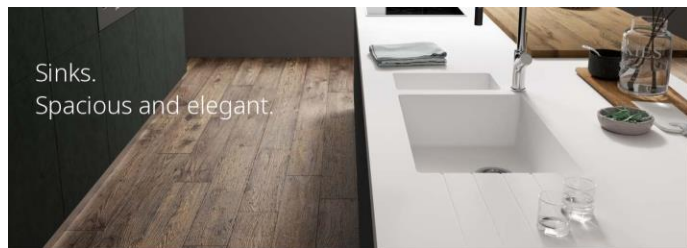
1350 x 3680 mm

1520 x 3680 mm

Size matters – to increase efficiency and reduce offcuts, HIMACS can be supplied in different sheet thicknesses, formats and sizes. Ideal for maximum cutting, minimum wastage and minimal costs.

Sinks

Sinks Offering



* The HIMACS sinks C58240, C58000, C54900 are only available with overflow.

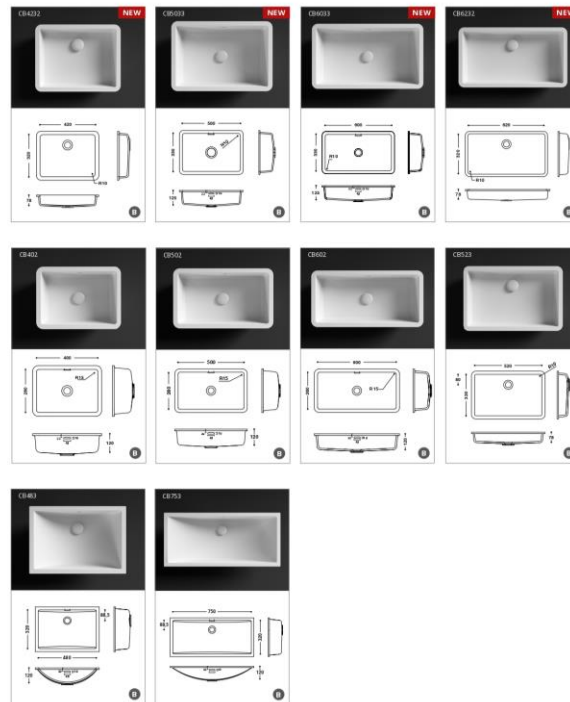
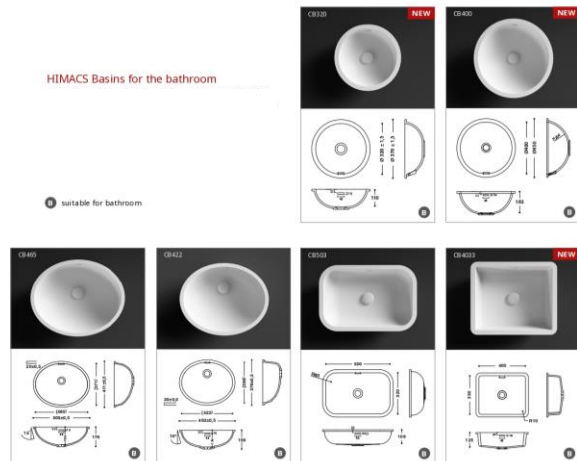
All other HIMACS sinks are available with and without overflow.

suitable for kitchen

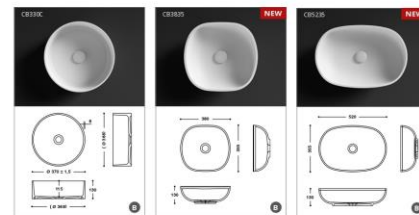
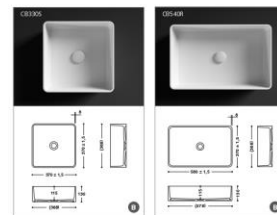
suitable for healthcare

Basins

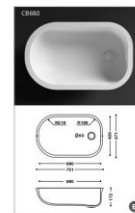
Basins Offering



HIMACS Basins for the bathroom –
Top mount installation



HIMACS Baby Bath





HIMACS **Baths and Shower** **Tray Collection**

Even more choices from HIMACS
for a beautifully designed bathroom.



CBT-160-65

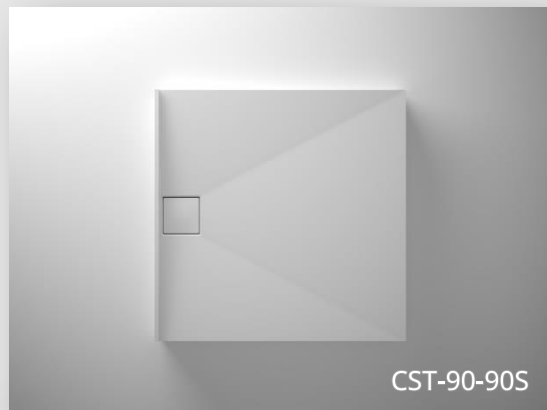


CBT-170-70

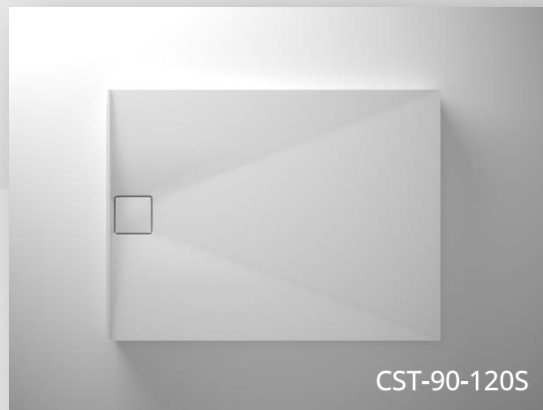
Baths Collection

The baths are designed for integrated installation.

The bath is enclosed flush-mounted within the panel, so that visually the product is seamless: no visible joins and therefore easy to maintain with hygienic surfaces.



CST-90-90S



CST-90-120S



CBT-170-70

New Shower Tray Collection

Three sleek models extend the opportunities to bring the design and functional features of the bathroom to the forefront.



Shower Tray CBT-160-70



Shower Tray CBT-160-65 - Bathtub CST-90-120S



Bathtub CST-90-120S



Shower Tray CBT-160-65



Seamless Perfection

HIMACS allows for visually seamless manipulation. Smooth integration creates large areas without joints or edges as well as flush mounting of sinks or bowls.

AUGEO - Design : Yasmine Mahmoudieh - Engineering : Studio Cumo Mori Roversi- Fabrication : Dform Srl, Italy- Material : HIMACS Alpine White - Photo credits : ©Riccardo Gallini

How to achieve seamless design?



Seamless Perfection

1

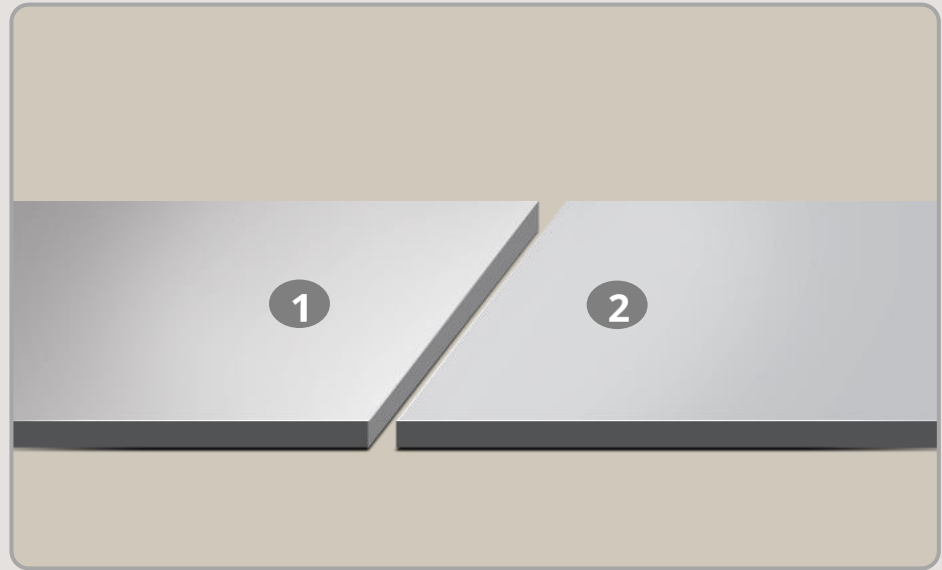
Prepare two pieces of HIMACS

Bond Joint

Clamp the assembly and dry

Sand

Complete seamless fabrication



How to achieve seamless design?



Seamless Perfection

2

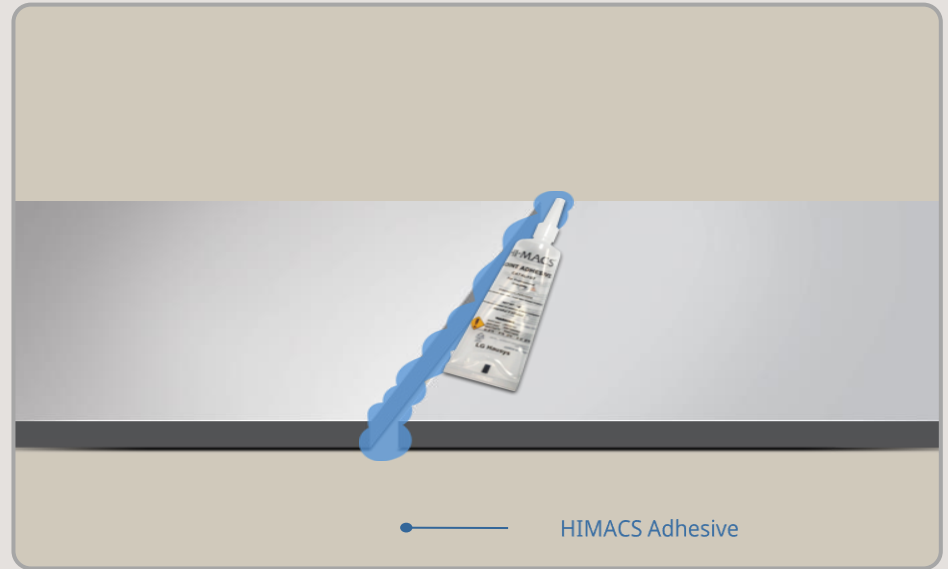
Prepare two pieces of HIMACS

Bond Joint

Clamp the assembly and dry

Sand

Complete seamless fabrication



How to achieve seamless design?



Seamless Perfection

2

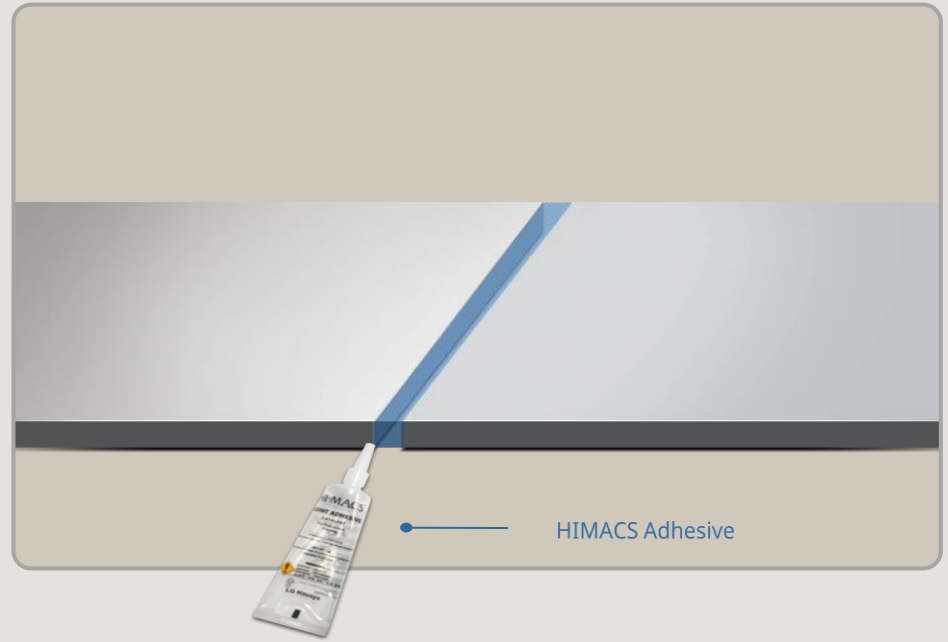
Prepare two pieces of HIMACS

Bond Joint

Clamp the assembly and dry

Sand

Complete seamless fabrication



How to achieve seamless design?



Seamless Perfection

3

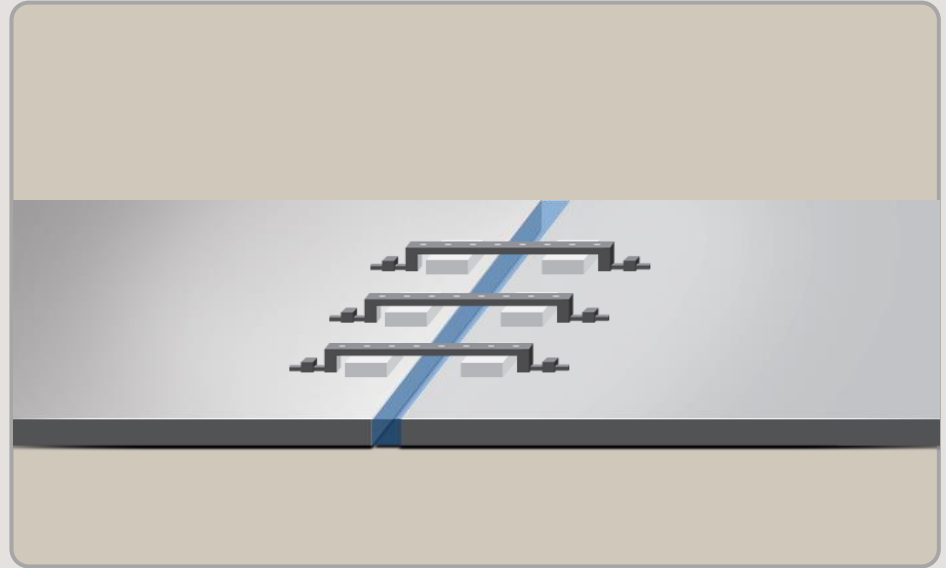
Prepare two pieces of HIMACS

Bond Joint

Clamp the assembly and dry

Sand

Complete seamless fabrication



How to achieve seamless design?



Seamless Perfection

4

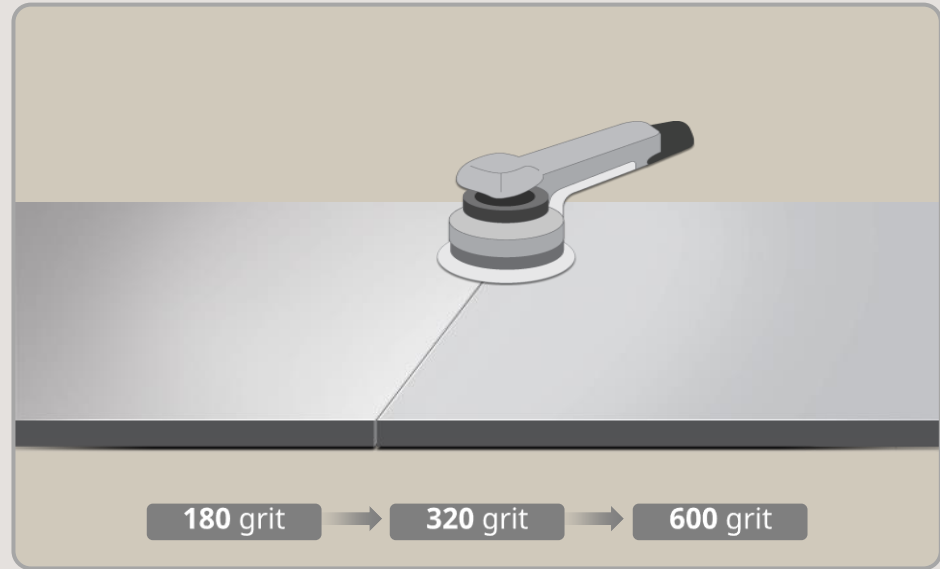
Prepare two pieces of HIMACS

Bond Joint

Clamp the assembly and dry

Sand

Complete seamless fabrication



How to achieve seamless design?



Seamless Perfection

5

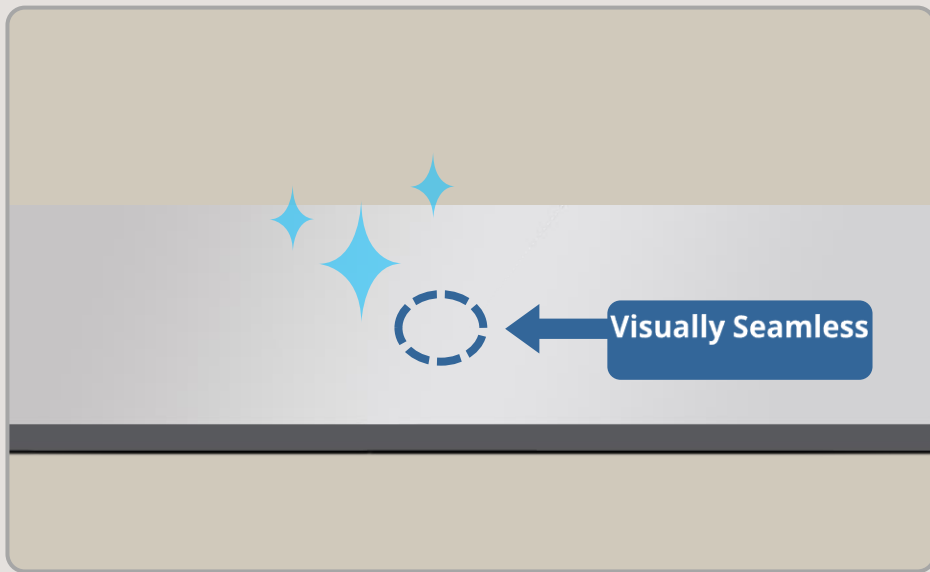
Prepare two pieces of HIMACS

Bond Joint

Clamp the assembly and dry

Sand

Complete seamless fabrication





Opera house by Zaha Hadid in China

Design : Zaha Hadid Architects, London - Fabrication : Gooday International - Material : HIMACS Alpine White



Three Dimensional Design Process

HIMACS boasts a simple heating process and three-dimensional thermoforming capabilities.

Three Dimensional Design Process



Disassemble drawing for mould production

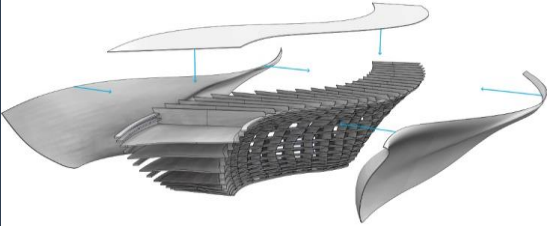
Mould production

Preheat HIMACS

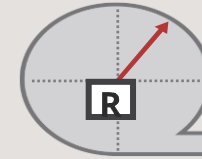
Vacuum press

Glue and sand

1. Disassemble Drawing for Mould Production



Thermoforming and seamlessly integrated processing



Possible achievable minimum radius:

- **12 mm : 2D**

Approx. $R = 50 \text{ mm}$ >> for Solids

Approx. $R = 100 \text{ mm}$ >> for Granite

2. Mould production

Three Dimensional Design Process



* CNC : Computer Numerical control

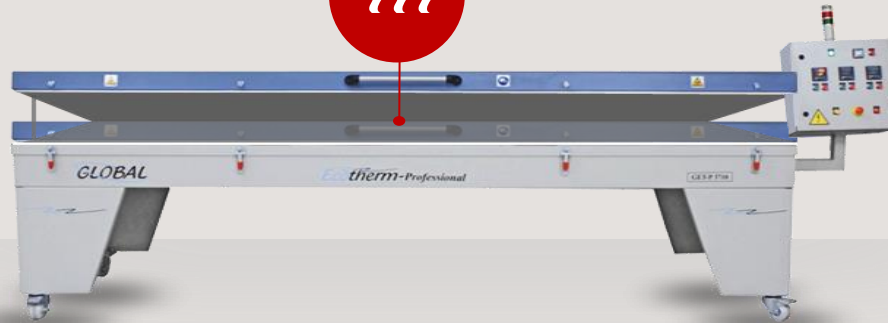
3. Preheat HIMACS

Rebate all edges before heating or put a radius on all edges.

Three Dimensional Design Process



Between 155°C ~175°C
10min Heating

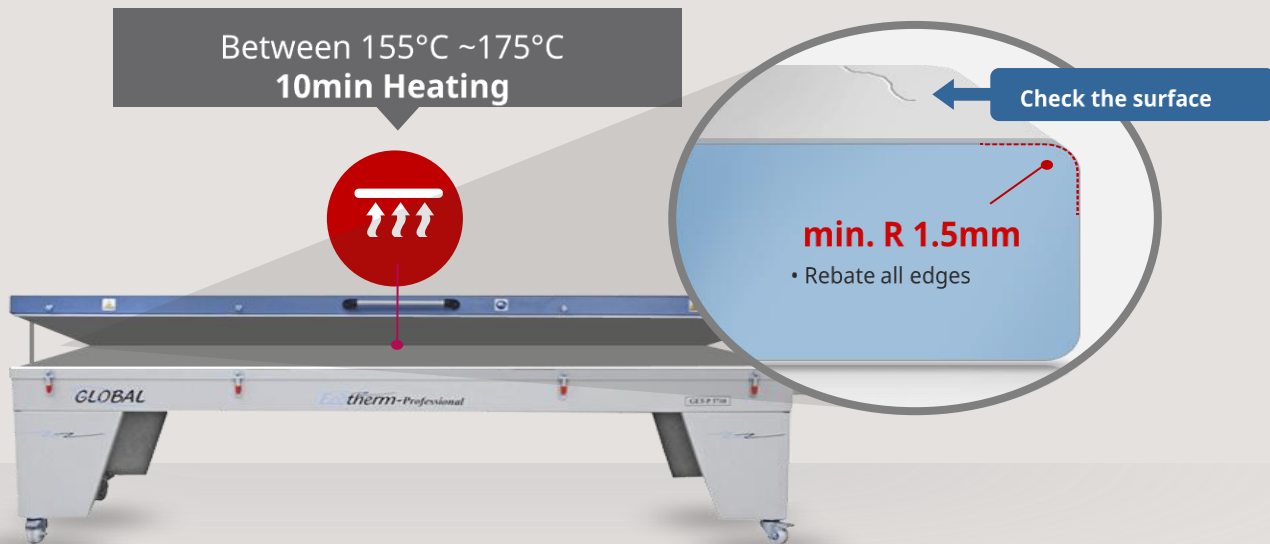


* Heating temperature should never exceed 200°C

3. Preheat HIMACS



Rebate all edges before heating or put a radius on all edges.



* Heating temperature should never exceed 200°C

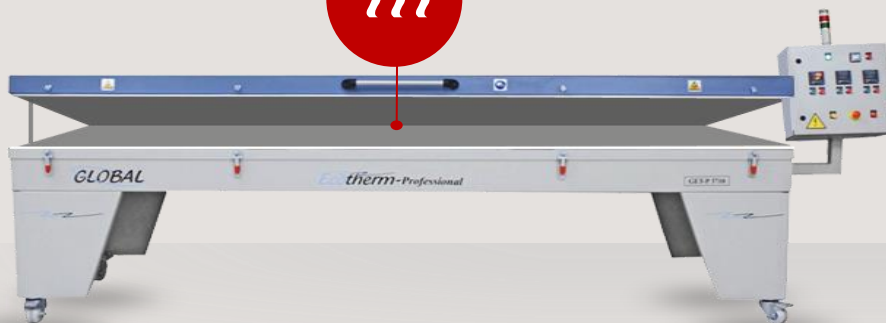
3. Preheat HIMACS

Rebate all edges before heating or put a radius on all edges.

Three Dimensional Design Process



Between 155°C ~175°C
10min Heating



* Heating temperature should never exceed 200°C

4. Vacuum press

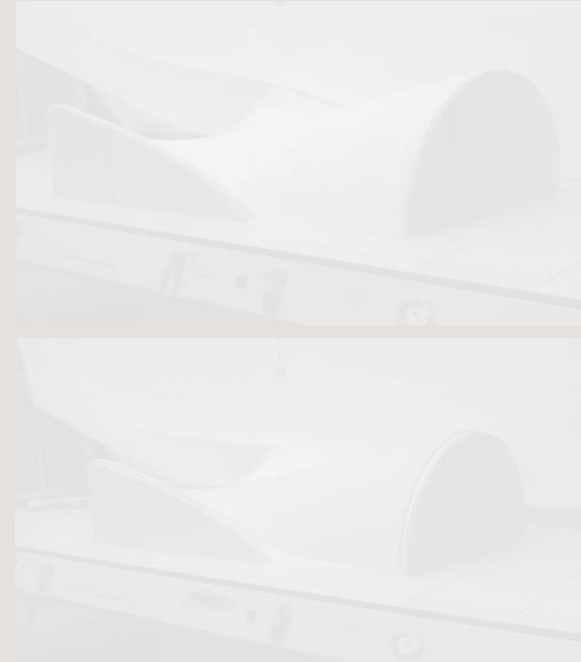
After thermoforming process, Let the work-piece cool down continuously.

Three Dimensional Design Process



Thermoform
vacuum machine

* There may appear to be a colour difference when working with dark or highly pigmented colours.

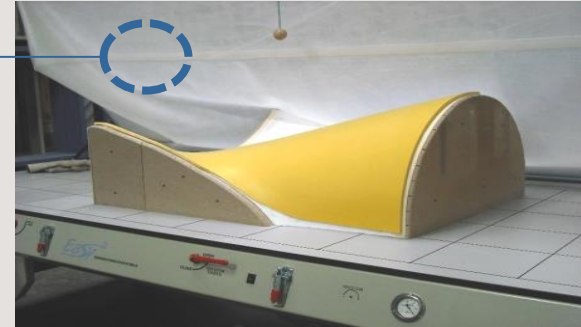
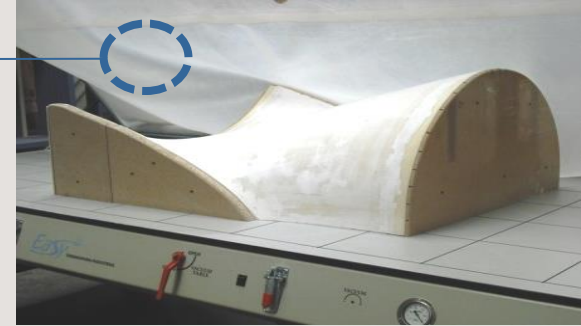


4. Vacuum press

After thermoforming process, let the work-piece cool down fully.

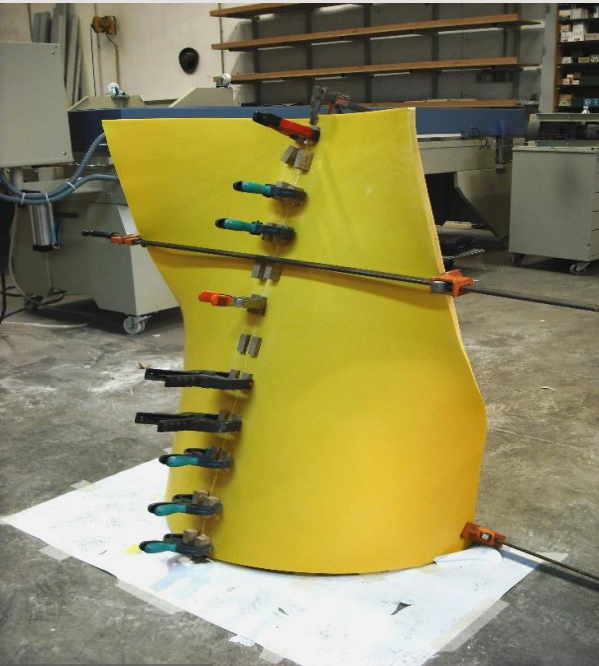


Urethane rubber sheet



* There may appear to be a colour difference when working with dark or highly pigmented colours.

5. Glue and sand





Swimming Pool, France

Design ; Yonseux Architects, France - Engineering :ETHA - Fabrication : ASKA Interior, France - Material : HIMACS Arctic White - Photo credit : ©Alexandra Mocanu



Gmund train station, Germany

Design : preiswerk marek architekten - Engineering : 5D Engineering - Material : HIMACS Alpine White - Photo credit : © Uwe Röder



Dramatic Translucency

Certain colours and thicknesses of HIMACS exhibit a special translucency when exposed to light. Various textures and patterns can be built into the material to intensify the HIMACS translucency effect.

DARTS / POOL / BOWLING

Trick Shot Cafe Bar, Romania - Design : Sebastian Mindroiu, Pick Two - Fabrication : Atvangarde - Material : HIMACS Alpine White - Photo Credit : © Stelian Popa

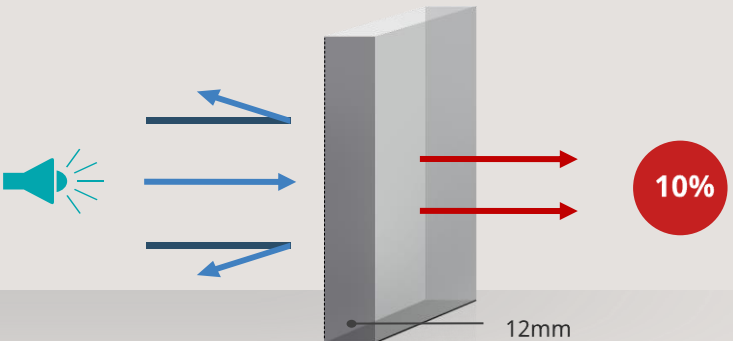
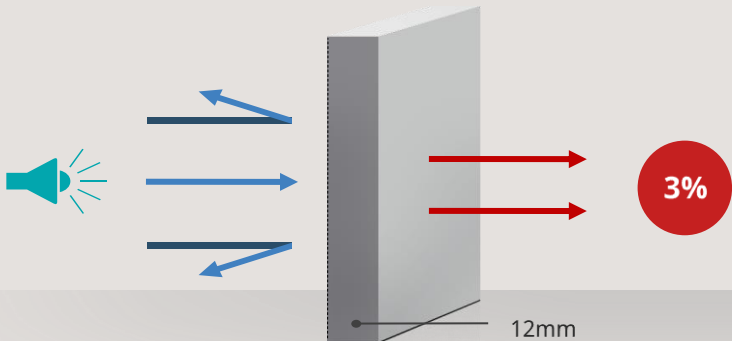
Solid vs Lucent

Alpine White

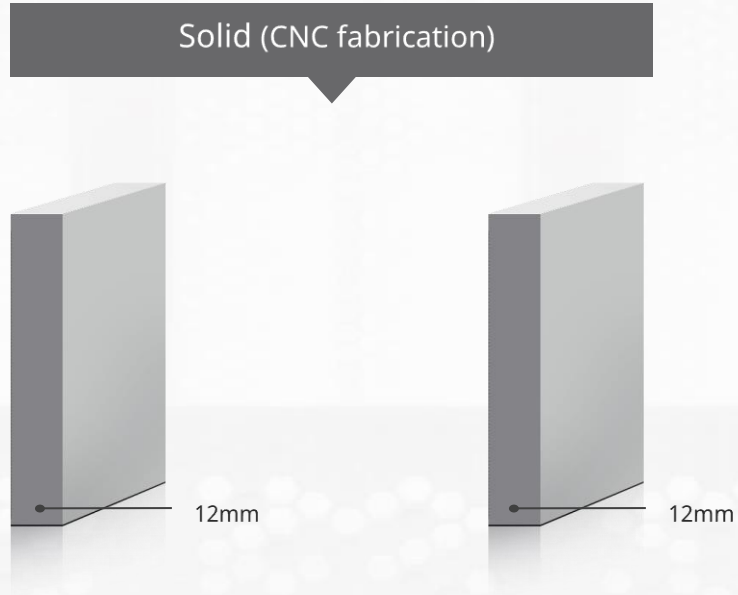
Solid

Opal

Lucent



Solid vs Lucent



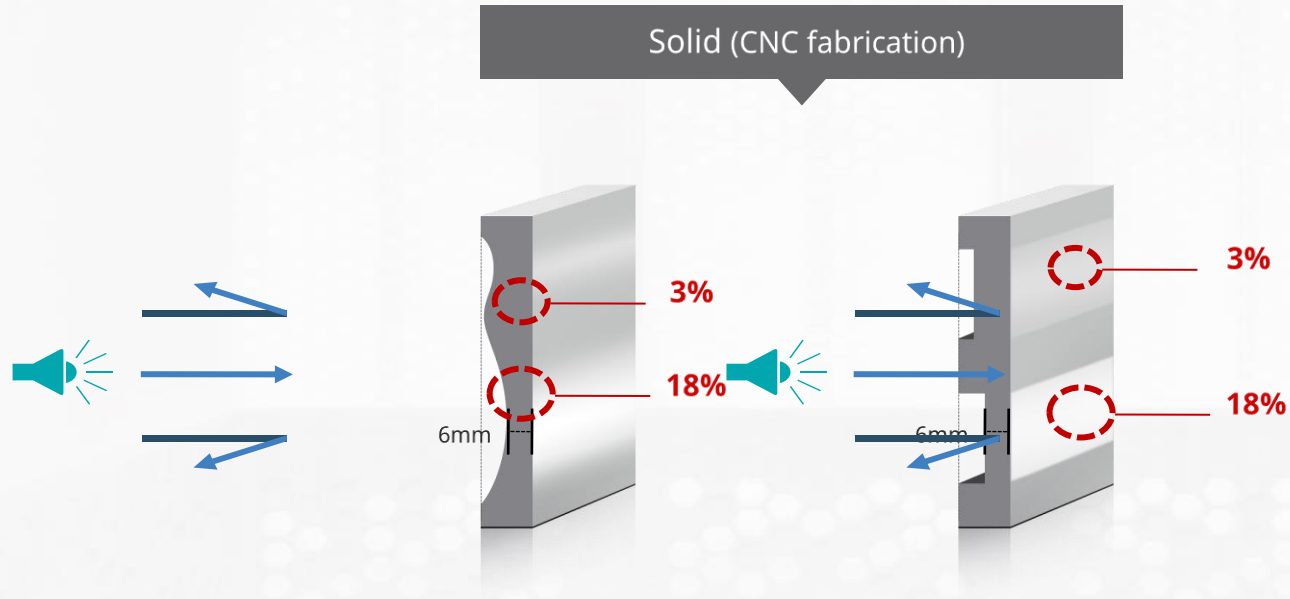
Casa Nazarí, Madrid, Spain - Design: MOREMAS, Spain - Fabrication : Realinox - Material: HIMACS Arctic White, 12mm - Photo Credits : © Javier Ortega Valero

Solid vs Lucent

Solid (CNC fabrication)



Solid vs Lucent





Istanbul Aquarium, Turkey

HIMACS Alpine White



Trick Shot Cafe Bar, Romania

Design : Sebastian Mindroiu, Pick Two - Fabrication : Atvangarde - Material : HIMACS Alpine White – Photo credit : © Stelian Popa



Silver Mountain, Romania

Design : Robert Marin, Nuca Studio – Fabrication : Atvngarde Surfaces - Material HIMACS, Opal - Photo credit: Stelian Popa



Hygienic

Not only do objects made from this solid surface material appear to be works of art cast from a single mould, the material's seamless manipulation and non porous nature create surfaces which are extremely hygienic, easy-to-clean and thus ideally suited for use in hospitals and laboratories.

Gynecological Clinic Ritmo -- Design: Fran Canos Studio, Spain - Fabrication: VF Superficies Solidas, Spain - Material: HIMACS, Alpine White Photographed by Lope Matias

Non porous nature makes hygiene space



Hygienic



99.9%
impermeability



Non-porous material

Non porous nature makes hygiene space

Hygienic

impermeability to
virus



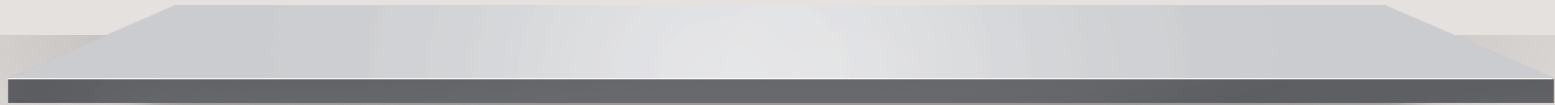
impermeability to
dirt



impermeability to
chemicals



impermeability to
bacteria

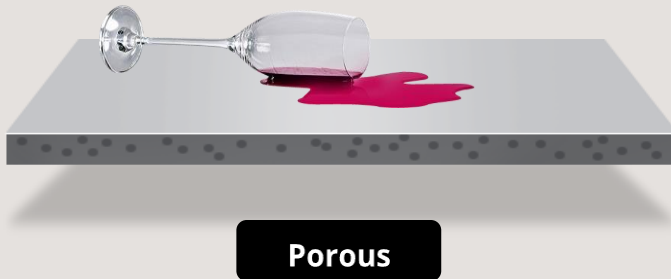


Non-porous material

Non porous nature makes hygiene space

Hygienic

Natural Stone



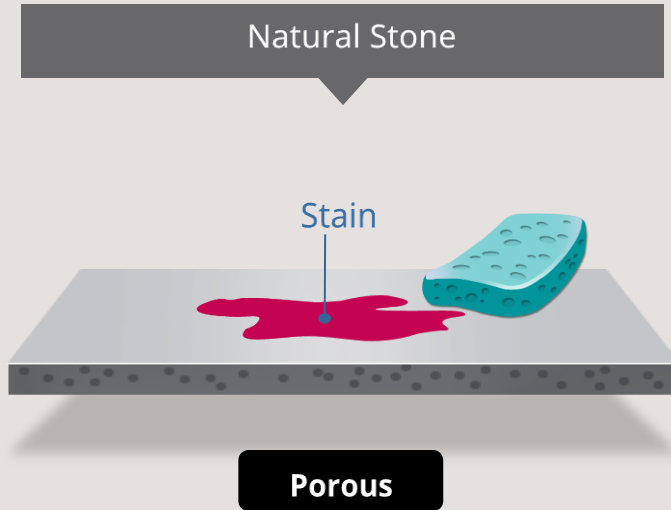
VS

HI·MACS

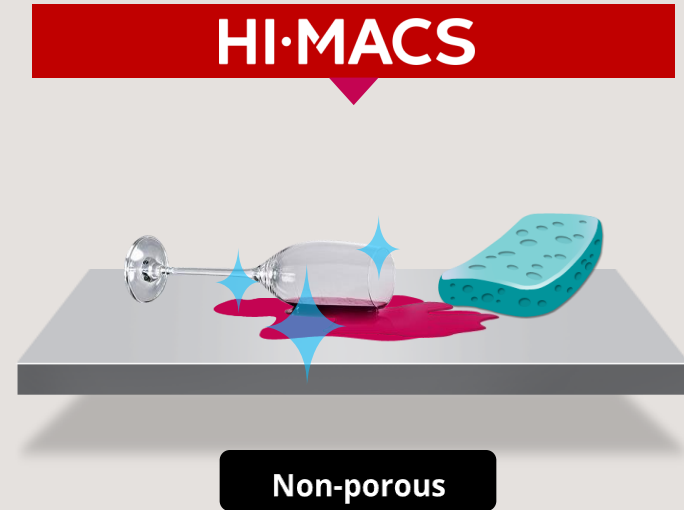


Non porous nature makes hygiene space

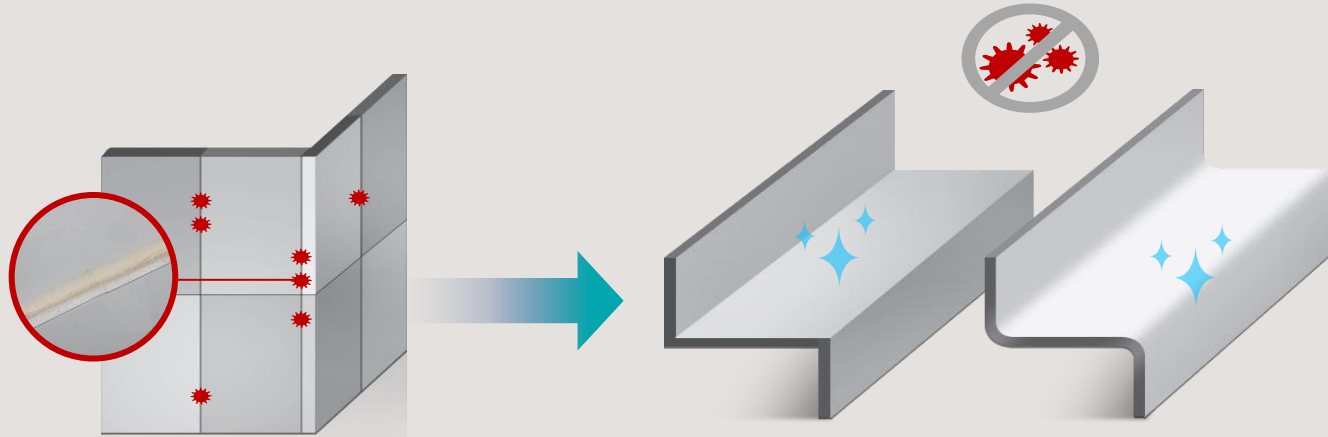
Hygienic



VS



Easy-to-clean, Seamless Fabrication



Seamless joints between two panels, a smooth and non-complected surface which does not hold dust





Maktub Hospital, Spain

Design : Elisa Valero - Fabrication : Muebles Maderama s.l.- Material : HIMACS Alpine White - Photo credit : © Fernando Alda



Liv Hospital, Turkey

Location: Istanbul, Turkey - Design: Zoom Mimarlık - Fabrication: Gulsan Mobilya- Material : HIMACS , Babylon beige, Crystal Beige, Ruby



HIMACS vs Mixed Product

Iron Ball Drop Test
Heat Resistance Test
Thermoforming Test
Hot-pan Test
UV Test

HIMACS vs Mixed Products

Iron Ball Drop Test

Heat Resistance Test

Thermoforming Test

Hot-pan Test

UV Test

There are a wide range of products currently on the market, and some may look like HIMACS, but in reality the quality is far inferior.

We carried out a number of tests to provide a comparison between HIMACS and the «U.P.E» or «Mixed» products.

Please see below the description of the material tested:

HIMACS

- G04 White Quartz
- 12 mm
- Composition :
 - 30% aprox. Acrylic (PMMA + MMA),
 - 3% aprox. Natural Pigments,
 - 67% aprox. ATH

UPE/Mixed Product

- Similar colour
- 12 mm
- Composition :
 - 5% MMA or less,
 - 30% UPE,
 - 62% ATH,
 - 3% additives.

Iron Ball Drop Test

HIMACS vs Mixed Product

Iron Ball Drop Test

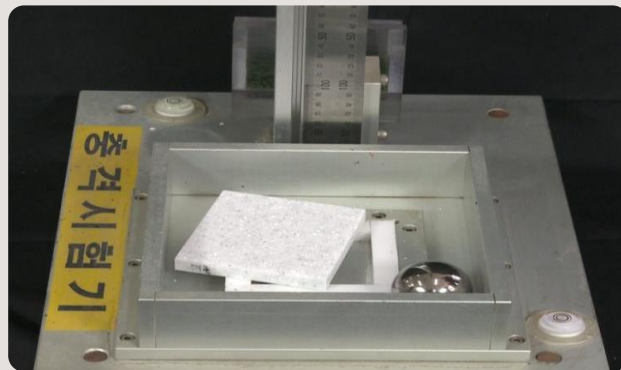
500g Iron ball, 90cm/height
Heat Resistance Test

Thermoforming Test

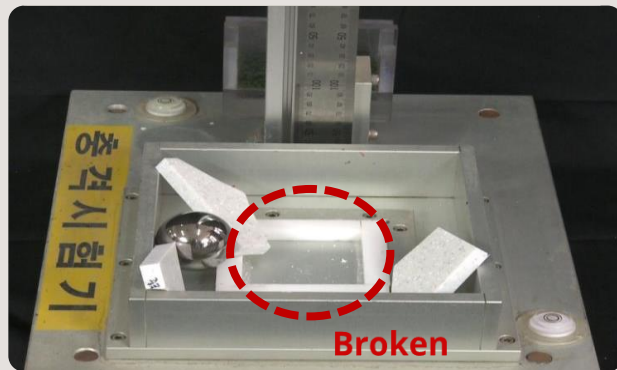
Hot-pan Test

UV Test

HI·MACS



Mixed Product



*this result is valid for G04 colour only, 12 mm

Heat Resistance Test

HIMACS vs Mixed Product

Iron Ball Drop Test

Heat Resistance Test

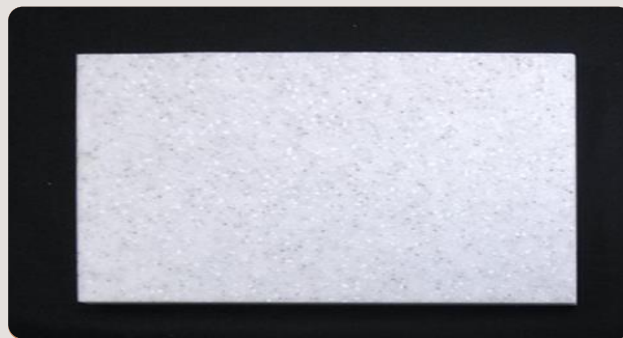
1 hour in 170°C oven

Thermoforming Test

Hot-pan Test

UV Test

HI·MACS



$\Delta E : 1.61$

Mixed Product



$\Delta E : 22.87$

*this result is valid for G04 colour only, 12 mm

Thermoforming Test

HIMACS vs Mixed Product

Iron Ball Drop Test

Heat Resistance Test

Thermoforming Test

Being formed after
1 hour in 170°C oven

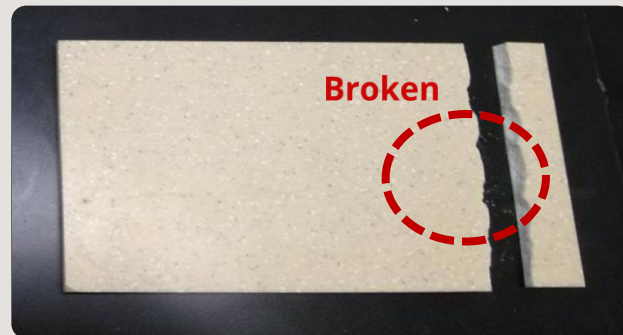
Hot-pan Test

UV Test

HI·MACS



Mixed Product



Hot-pan Test

■ HIMACS vs Mixed Product

Iron Ball Drop Test

Heat Resistance Test

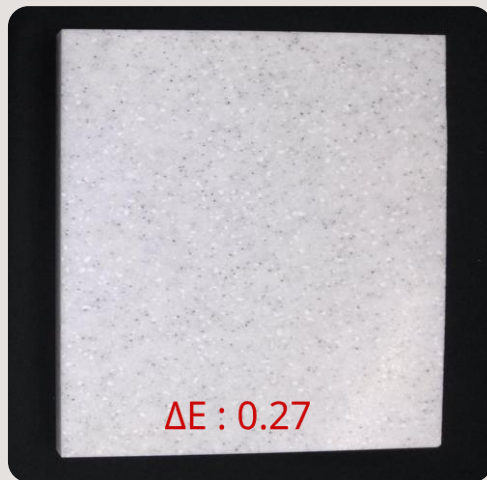
Thermoforming Test

Hot-pan Test

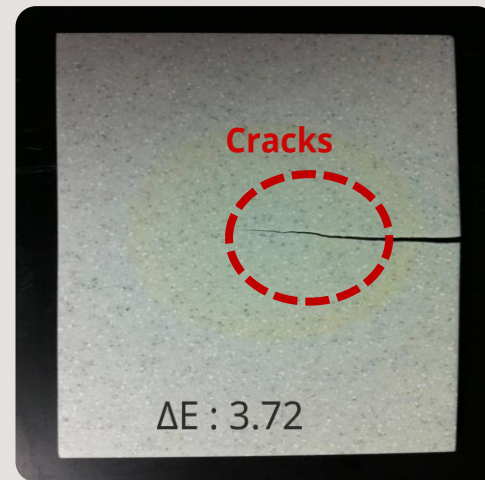
Putting 280°C hot-pan
for 10 minutes

UV Test

HI·MACS



Mixed Product



*this result is valid for G04 colour only, 12 mm.

UV Test

HIMACS vs Mixed Product

Iron Ball Drop Test

Heat Resistance Test

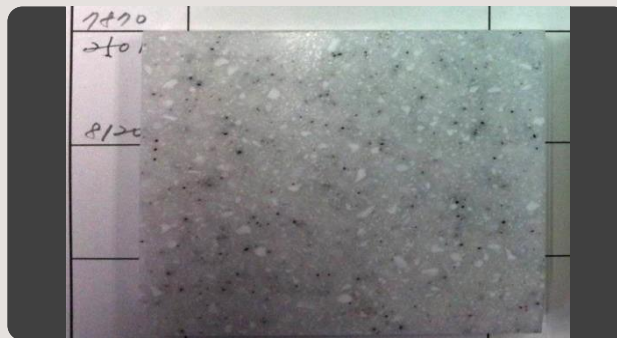
Thermoforming Test

Hot-pan Test

UV Test

250 hour in accelerated weathering test machine (equivalent to 375 days)

HI·MACS



$\Delta E : 0.62$

Mixed Product



$\Delta E : 16.91$

*this result is valid for G0004 colour only and for 375 days exposure

Mixed product claims

One year after Installation (Goyang city, Korea)

HIMACS vs Mixed Product



Comparison Results

Product	HI·MACS	Mixed Products
Main Component	- Approx. 30% MMA + PMMA	- Approx. 35% UPE + 5% MMA
Hygiene	<ul style="list-style-type: none"> - Eco-Friendly proven Certificate (NSF) - Harmless to Human body - LGA Certificate 	<ul style="list-style-type: none"> - No proven Data - Harmful dregs like Styrene Monomer possibly remain
Strength	<ul style="list-style-type: none"> - Excellent : resist the drop of a 500g steel ball from 90cm high - Flexural Strength: 6.643 Kg/m² 	<ul style="list-style-type: none"> - Subject to be broken or damaged by impact - Flexural Strength: 3.247 Kg/m²
Hardness	- Excellent : Barcol hardness: 61	<ul style="list-style-type: none"> - Subject to be scratched - Barcol hardness: 50
Discolouration in natural weather condition (in 375days)	<ul style="list-style-type: none"> - no visible change - ΔE : 0.62 	<ul style="list-style-type: none"> - Subject to be yellowish - ΔE : 16.91
Discolouration by heat (1 hour in 170°C oven)	<ul style="list-style-type: none"> - Low Discolouration - ΔE : 1.61 	<ul style="list-style-type: none"> - Subject to be yellowish - ΔE : 22.87
Fire Resistance	- Classified as B1	<ul style="list-style-type: none"> - No classification data - Estimated to be classified as B2
Thermoforming	- Suitable	- Not Recommended

These results are only valid for the test presented earlier, please refer to our guarantee conditions for applications to all colours and sheet thicknesses.



HIMACS Exteria®

HIMACS can give shape and form to
virtually any of your design ideas.
New dimensions are opening up now: Just take the
countless advantages
offered by HIMACS outside and use the
material of possibilities to design
facades as well.

Beneteau's HQ facade, France - Designer: PAD Architectes for BERI21 - Fabrication: LCCA - Material: HIMACS Alpine White - Photo credit : © Mathieu Ducros

Explore new ideas for endless possibilities



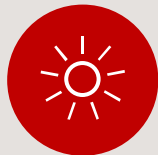
Exterior



Sokcho Housing - Design : AEV Architectures Woojin LIM
Material : HIMACS Alpine White
Photo credit : AEV Architectures Hyunjune Lee



Villa in Cannes - Design : Pierre Guidoni, Jean Rogliano - Fabrication :
Menuiserie Bareau, Frankreich - Material : HIMACS Cream
- Photo credit : © Mathieu Ducros



UV resistance



Fire Resistance



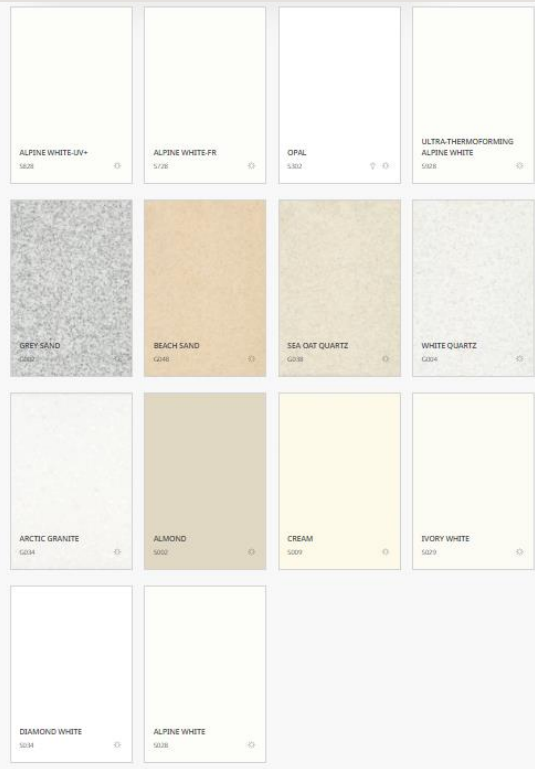
Design diversity



10 years warranty on colours' UV resistance



Exterior



The HIMACS resistance to UV radiation surpasses that of any other solid surface.

That is why, on the following colours, we offer a 10 years warranty on colours' UV resistance and loss of gloss over 40%, 10 years on colour leaching and 20 years on colour peeling, swelling or delaminating.

HIMACS Alpine White for special requirements

HIMACS UV+ - Improved UV resistance



Alpine White
S828 – Δ E2
12 mm

HIMACS FR – Minimal flammability



Alpine White
S728 – Δ E5
12 mm



HIMACS by LX Hausys has obtained the French QB certification and CSTB ATec “Avis Technique” for facade applications in S828 Alpine White. (Avis Technique 2.2/18-1795_V1).



Fixed with KEIL inserts and a BWM structure, HIMACS façade in S728 – Alpine White successfully passed the ETA tests (European Technical Agreement).

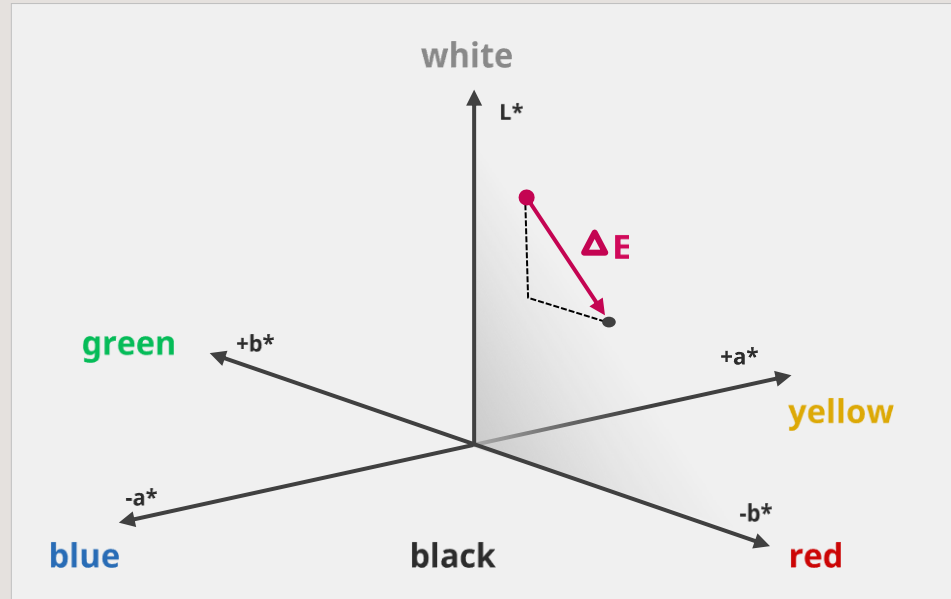


UV resistance



Exterior

Delta E values - ID	
E value	meaning
0 - 1	a normally invisible difference
1 - 2	very small difference, only obvious to a trained eye
2 - 3.5	medium difference, also obvious to an untrained eye
3.5 - 6	an obvious difference
> 6	a very obvious difference





Fire resistance



Exterior

The HIMACS-FR-quality passed the fire rating test with far better results than any of the other mineral materials : The achieved SBI test According to EN-13501-1 is the impressive proof of this.

**EN
13501-
1**

B-s1-d0 classification

Equivalent to BR class 0 Certification. The EN 13501 is the European fire resistance requirement
B = classification level
S1 = low smoke density
D0 = non droplets

**NFP
92-501**

M1 classification

M1 classification that HIMACS has a low flammability.
The NFP 92-501 is the French fire resistance requirement

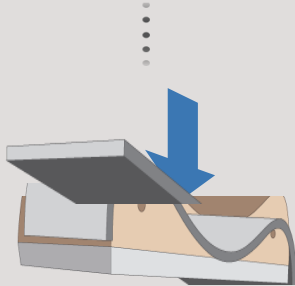
**DIN
4102-1**

Classification B1

B1 classification that HIMACS has a low flammability. The DIN 4102-2 is the German resistance requirement

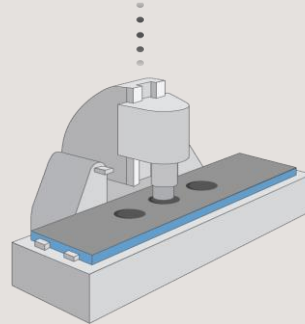
1

Three-Dimensional
Design Facade



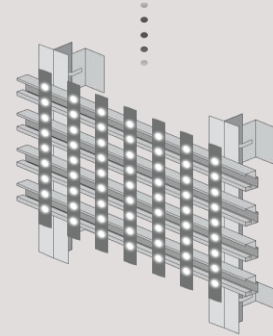
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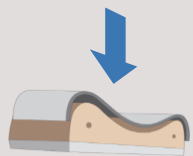
Design Skin Facade



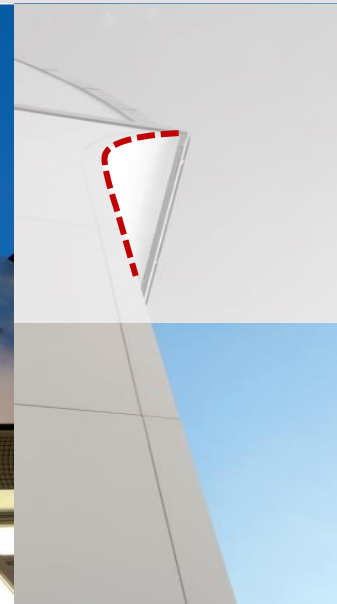
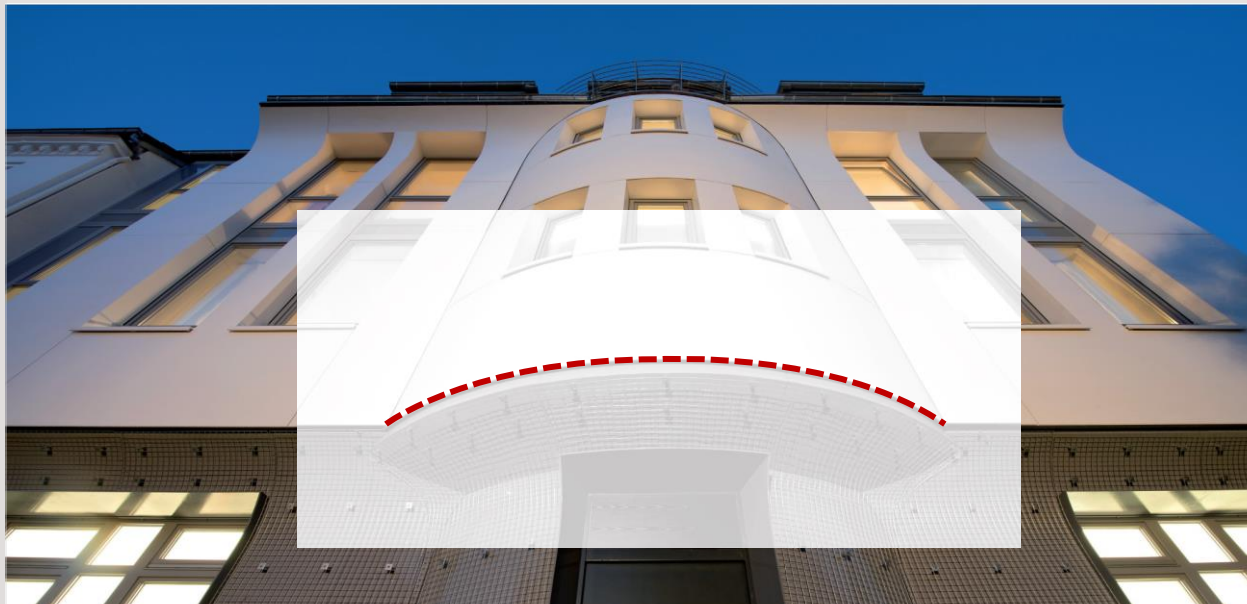
3

Media Facade



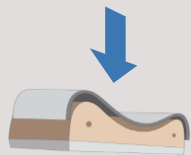


Three-Dimensional
Design Facade

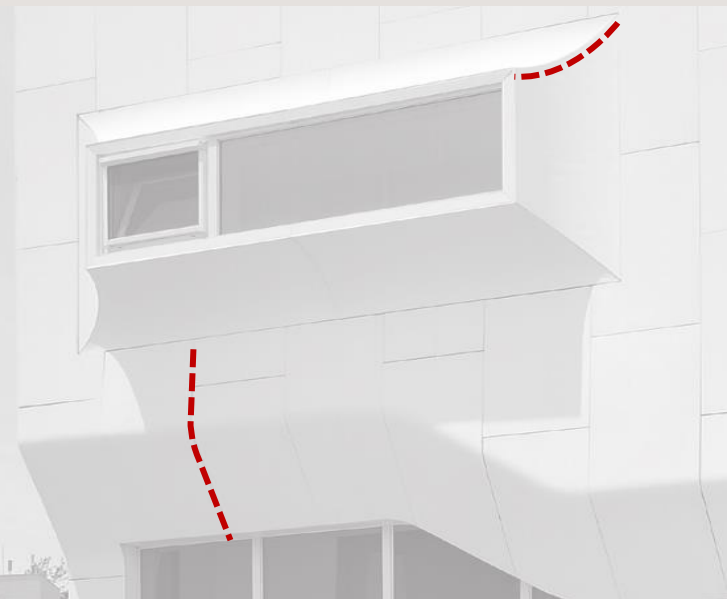


Ice Loft, Hamburg

Design: Köhler Architekten – Façade Construction: Peter Knapp
and Fassadentechnik GmbH - Material: HIMACS, Alpine White, S028, Opal S302 – Photo credit : © Nikolaus Herrmann

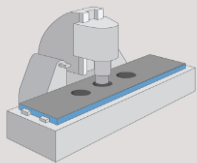


Three-Dimensional
Design Facade



Private House, Pan-gyo, Korea

Design: Office 53427 - Fabrication: Daemyung ATM - Material: HIMACS Alpine White - Photo Credit : © Yongkwan Kim

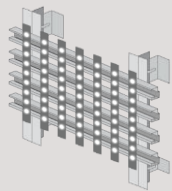


Design Skin Facade



Beneteau's HQ facade, France

Designer: PAD Architectes for BERI21 - Fabrication: LCCA - Material: HIMACS Alpine White - Photo credit : © Mathieu Ducros

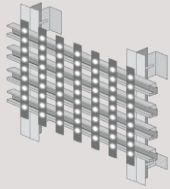


Media Facade

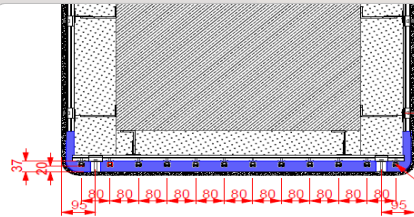
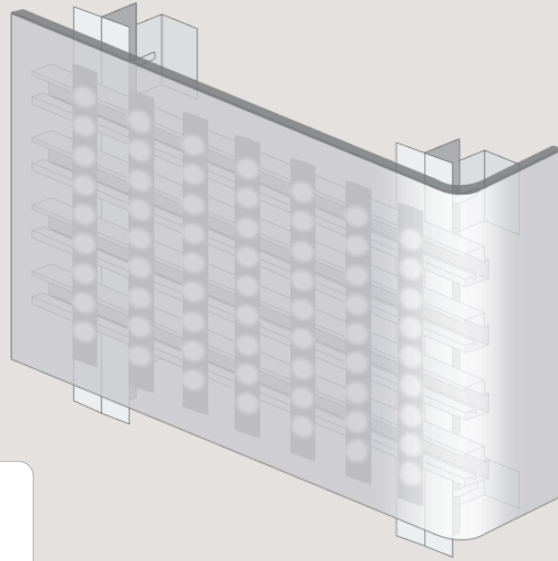


Schönhauser Tor, Berlin - Germany

Design : neo systems architects - Engineering 5D Engineering - Material : HIMACS Opal- Photo Credit © : Volker Mai



Media Facade



Leurocom
LED Track



Design : neo systems architects - Engineering 5D Engineering -
Material : HIMACS Opal- Photo credit : © Andreas Mikutta

Cladding System

To build HIMACS facades, LX Hausys suggests using a structure made from a ventilated façade system using BWM fixings.

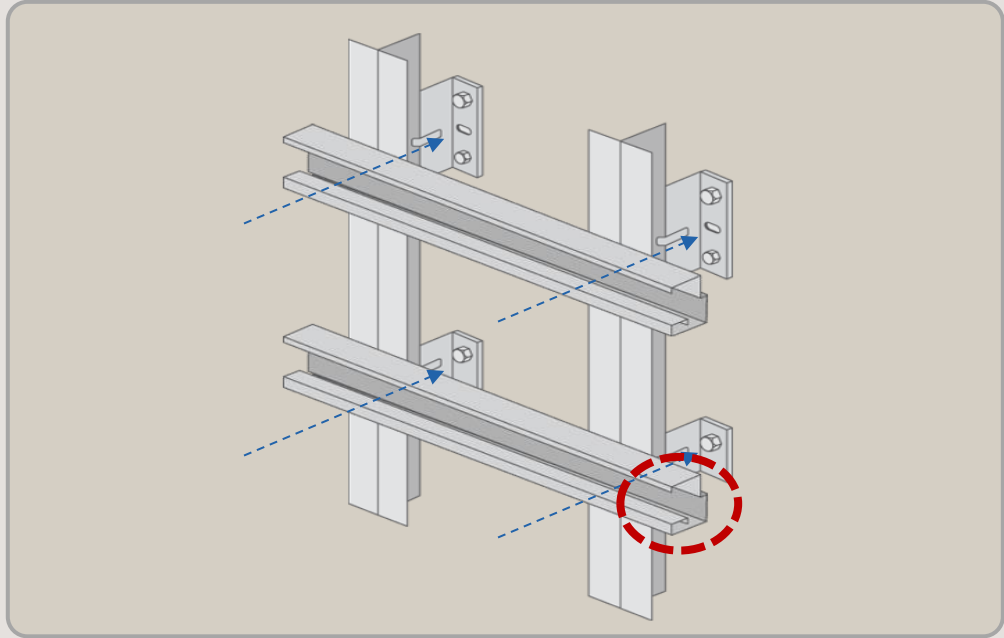


Exterior

Step 1

Step 2

Step 3



Cladding System

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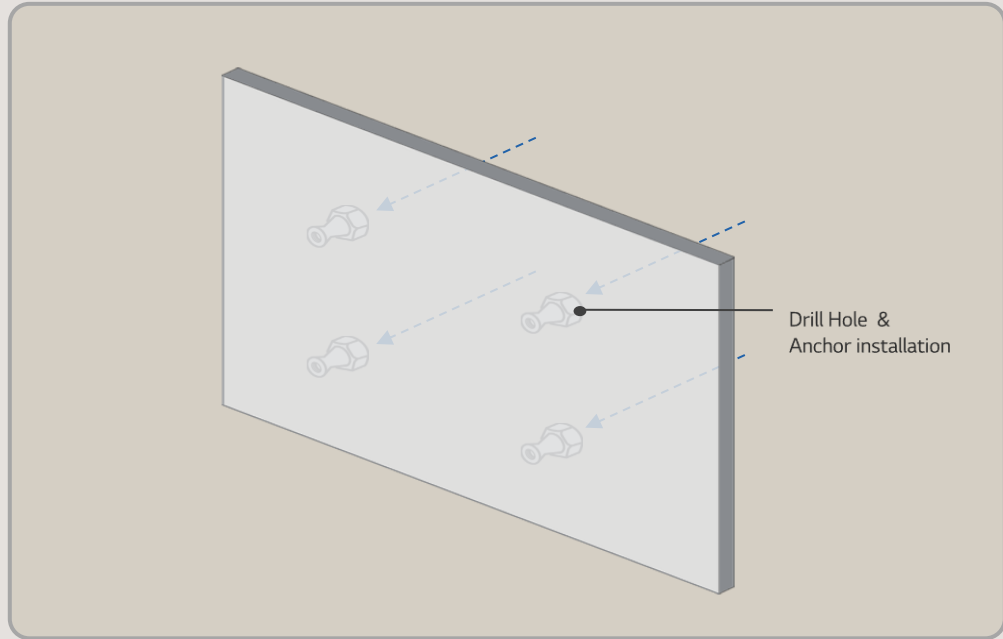
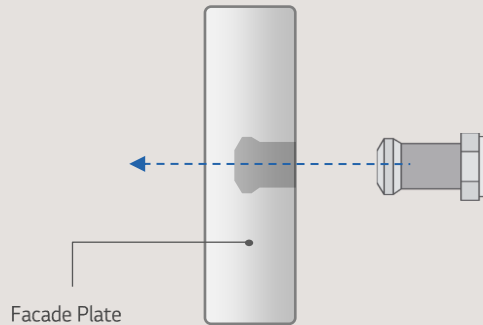


Exterior

Step 1

Step 2

Step 3



Cladding System

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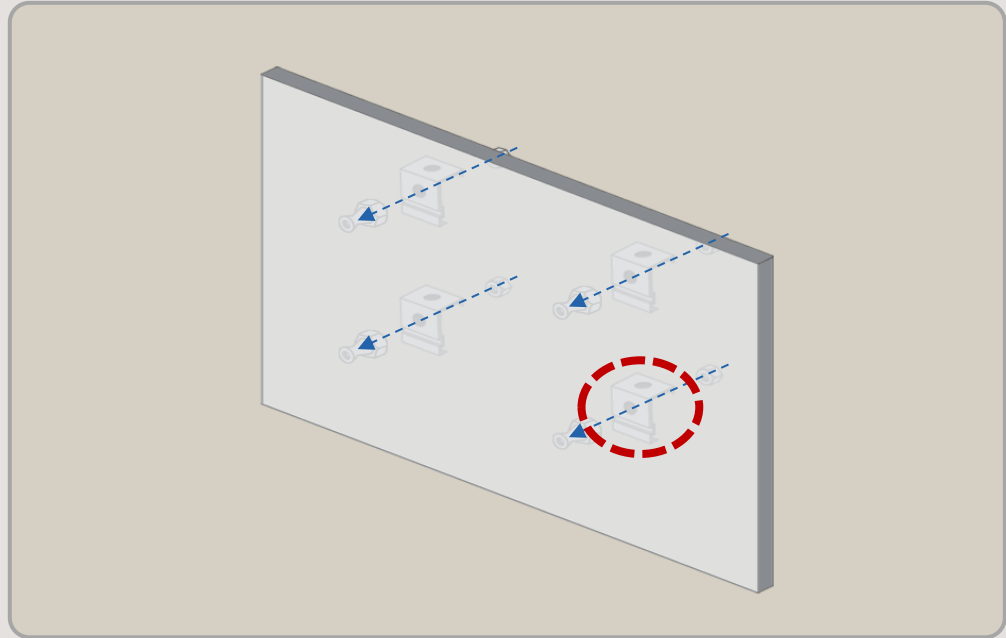
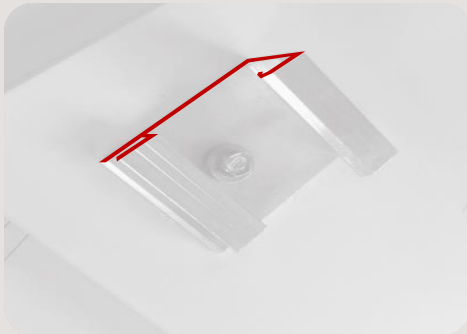


Exterior

Step 1

Step 2

Step 3

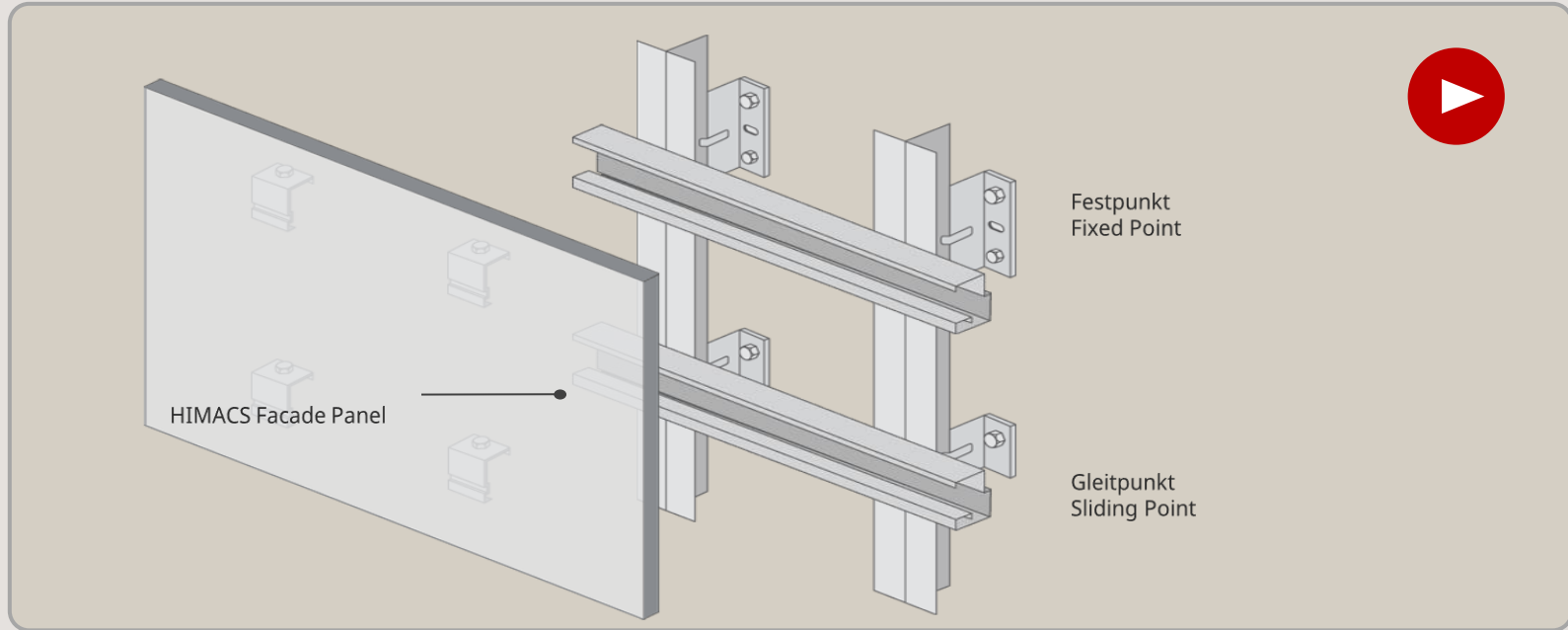


Cladding System

To build HIMACS facades, LX Hausys suggests using a structure made from a ventilated façade system using BWM fixings.

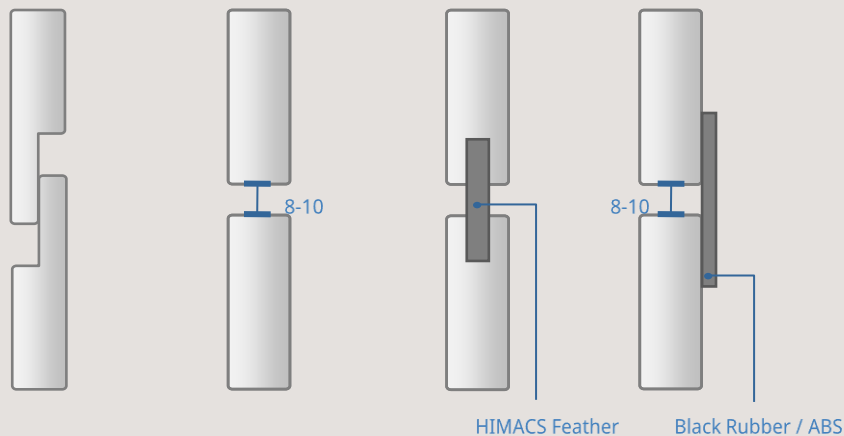


Exterior

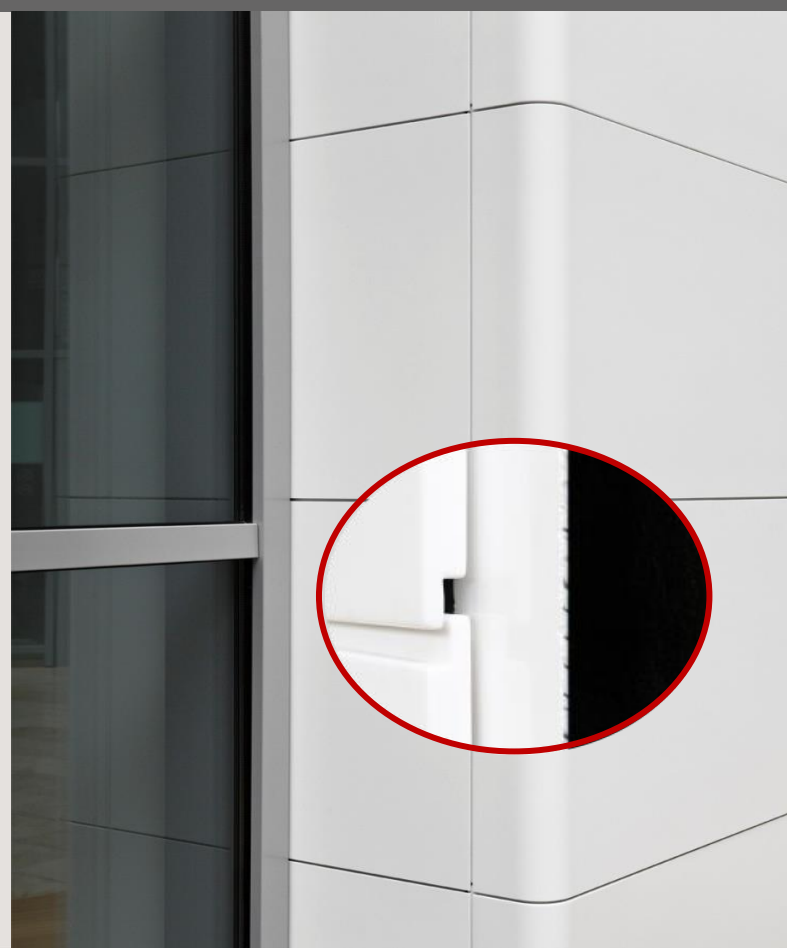


Seams Design

HIMACS has natural contraction and expansion properties related to temperature changes. We suggest leaving gaps of 8 to 10mm between each panel.



Open seam with/without backside protection





Eco-friendly features

Thinking green means caring about our
environment
throughout the whole
product life-cycle.

©iStockphoto – 4maksym

Quality means thinking about tomorrow today.

PROCESSING

HIMACS allows for virtually waste-free processing. HIMACS 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.

LOGISTICS

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

MATERIAL COMPOSITION

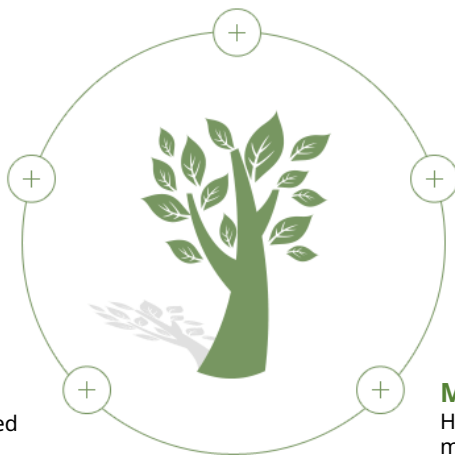
HIMACS consists of 67% natural minerals, 30% finest acrylic and 3% natural colour pigments.

MATERIAL SAFETY

HIMACS is completely free of formaldehyde, VOC emissions and nanoparticles, ensuring particularly high indoor air quality.

MANUFACTURING PROCESS

HIMACS 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.



Certificates, environmental product Declarations and regular tests:

DGNB

GERMAN SUSTAINABLE BUILDING COUNCIL (DGNB)

HIMACS 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.



BUILDING RESEARCH ESTABLISHMENT ENVIRONMENTAL ASSESSMENT 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 HIMACS 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 HIMACS complies with the Korean regulations for environmental building materials.



Quality service

With the longest warranty of any Solid Surface manufacturer on the market and a solid network of qualified distributors and installers, HIMACS offer a high quality of customer service.

Quality Club



Quality

HIMACS Quality Club: A network of highly qualified fabricators and installers.

Join the HIMACS Quality Club!

Certify your fabrication expertise by taking part in our Training Programme and become a HIMACS Quality Club Member.



Benefits :

- To **control & ensure the high quality** of fabricated products made with HIMACS material.
- HIMACS 15 Year Limited Installed Warranty can only be offered by HIMACS Authorized Fabricator.
- Only HIMACS Authorized Installer can propose the **15 Year Limited Installed Warranty on products fabricated by an Authorized HIMACS Fabricator.**

15 years warranty

Quality

Quality pays for itself: With its 15 year limited installation warranty, HIMACS offers the longest warranty of any Solid Surface manufacturer on the market.



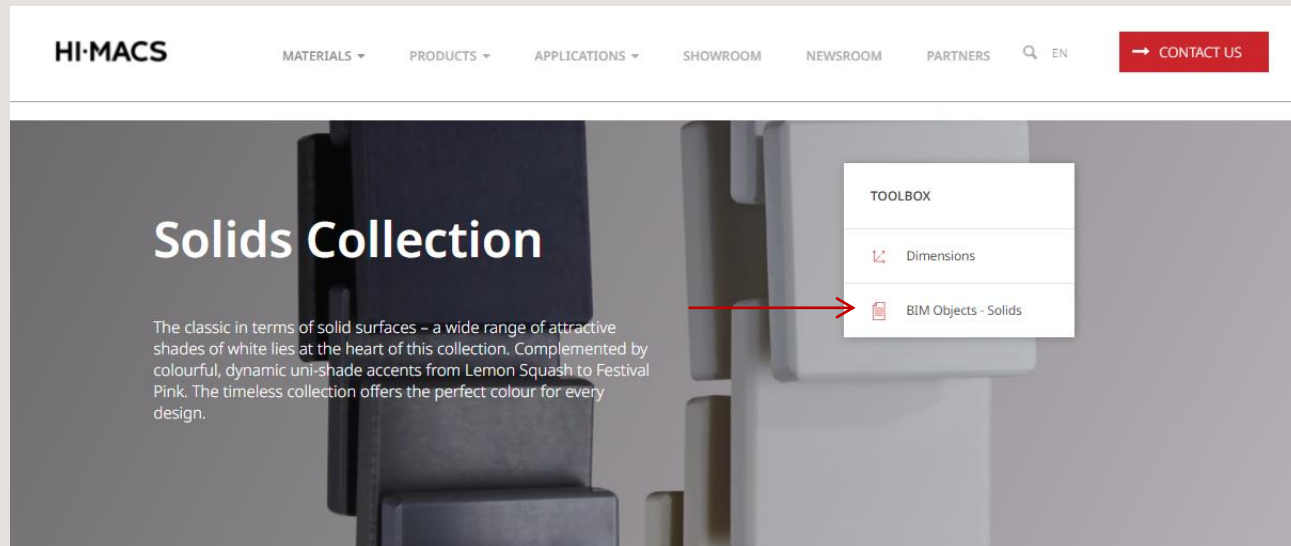
Loyalty is rewarded with a 15-year material-warranty* for material fabricated and installed by a member of the HIMACS Quality Club.

* Please refer to our website for more detailed information on our warranty conditions.



Extra Features

There is even more to HIMACS : you can use our BIM objects for designing your projects, keep track of our latest innovations on our website, and follow us on any social network.

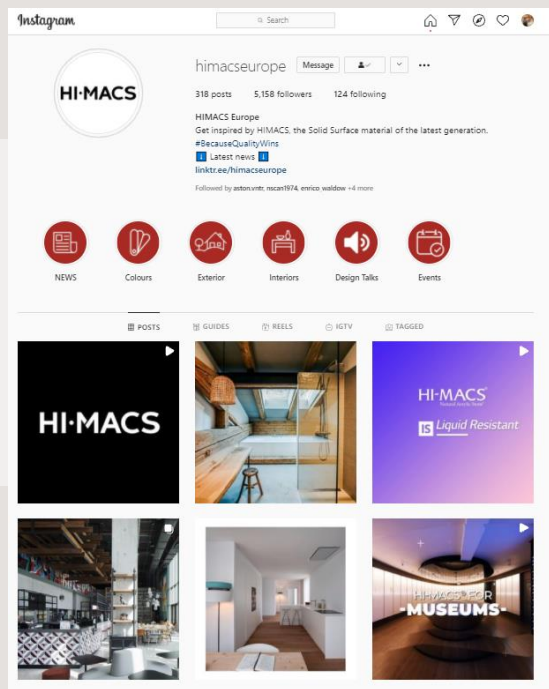


The entire range of **HIMACS products** for certain CAD packages is downloadable from himacs.eu or the [Bim Object Portal](#) and will ensure that architects, designers and specifiers can ensure compliance which will become mandatory for public projects.

Social Media

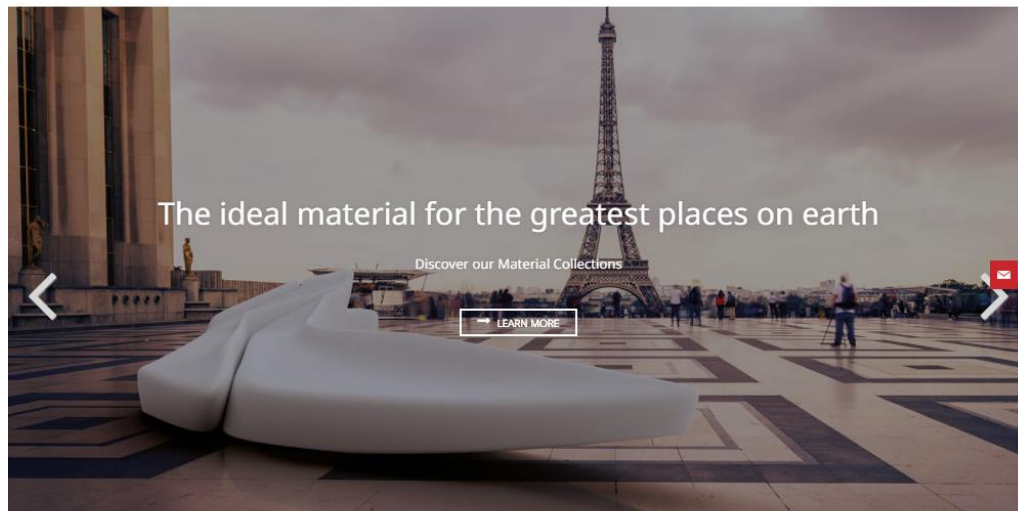
Features

Connect with HIMACS on all major social medias :



HIMACS #BecauseQualityWins

[Instagram](#) | [Facebook](#) | [LinkedIn](#) | [Pinterest](#) | [YouTube](#) | [Twitter](#)



© Studio Mies



HIMACS IS AN OUTSTANDING SOLID SURFACE MATERIAL THAT CAN BE MOULDED TO ANY SHAPE - FROM BEAUTIFUL WORKTOPS TO STUNNING FACADES.

HIMACS is an outstanding solid surface material. 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 aspects: material performance, fabrication, functionality and hygiene. Thanks in a large part to this quality and the outstanding flexibility in fabrication and design, HIMACS offers countless advantages over conventional materials.

HIMACS is produced in an ultra-modern manufacturing process that complies with the best quality certification standards.



For more
information

<http://www.himacs.eu>

