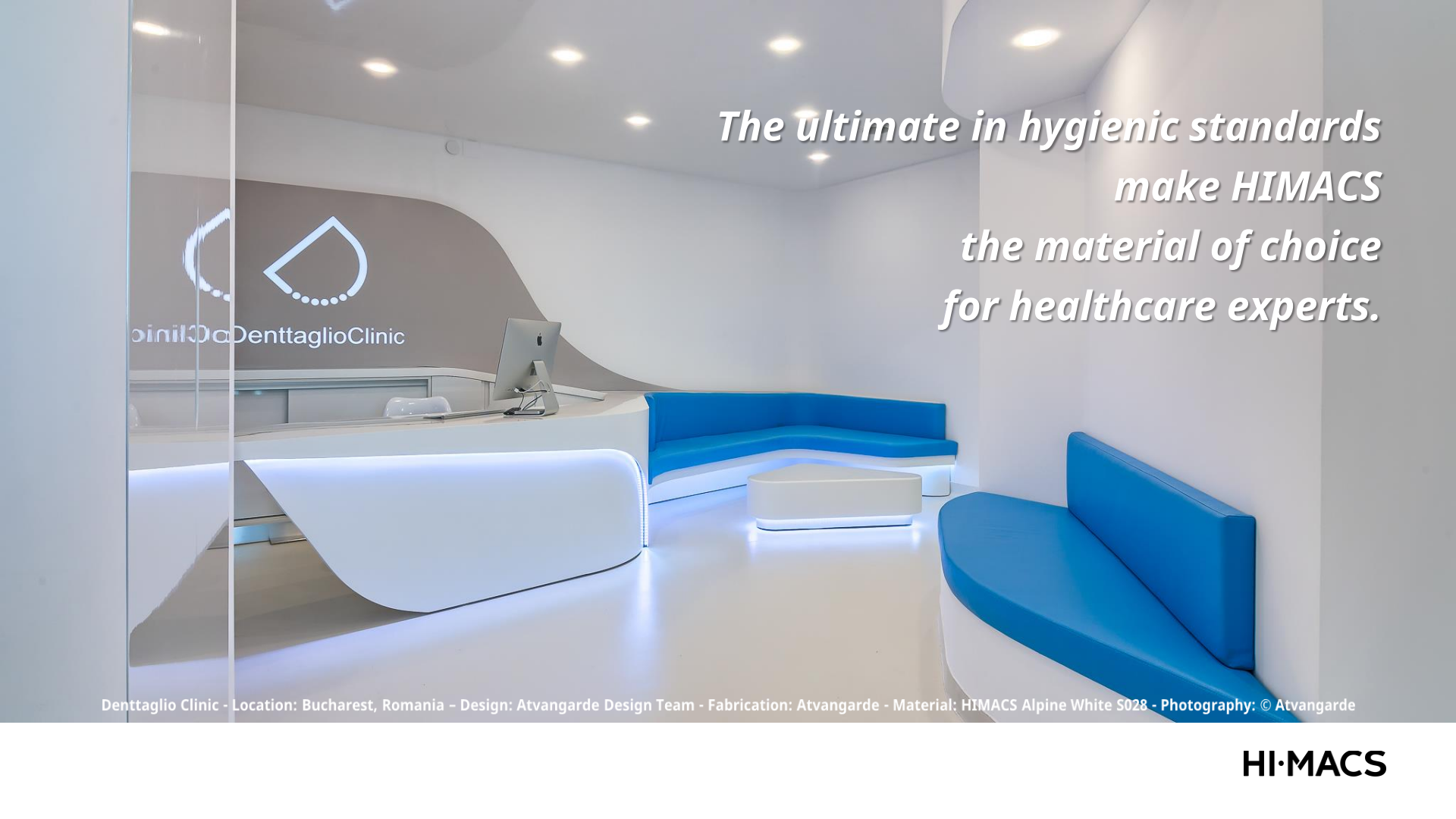




HIMACS

HIMACS is the perfect surface material for a resilient, healing and anti-pathogen environment. Its internationally certified resistance to mould, dirt, viruses, bacteria and numerous chemicals make HIMACS the material of choice in the healthcare sector.





*The ultimate in hygienic standards
make HIMACS
the material of choice
for healthcare experts.*

Denttaglio Clinic - Location: Bucharest, Romania - Design: Atvangarde Design Team - Fabrication: Atvangarde - Material: HIMACS Alpine White S028 - Photography: © Atvangarde

HI·MACS



Quality Design

- Translucent Properties
- 3-Dimensional Design
- Huge colour spectrum

Quality Performance

- Strong and Durable
- Emissions and Formaldehyde free
- Free of Nanoparticles
- Fire Resistant
- Hygienic
- Water Resistant
- Resistance to mould, viruses, bacteria and numerous chemicals

Quality Fabrication

- Most advanced fabrication technology in the market
- Simple Processing
- Seamless Surfaces

Sustainable Quality

- Long-lasting
- Renewable and Repairable
- Products with Recycled content available

A seamless, resistant and easy-to-clean surface.



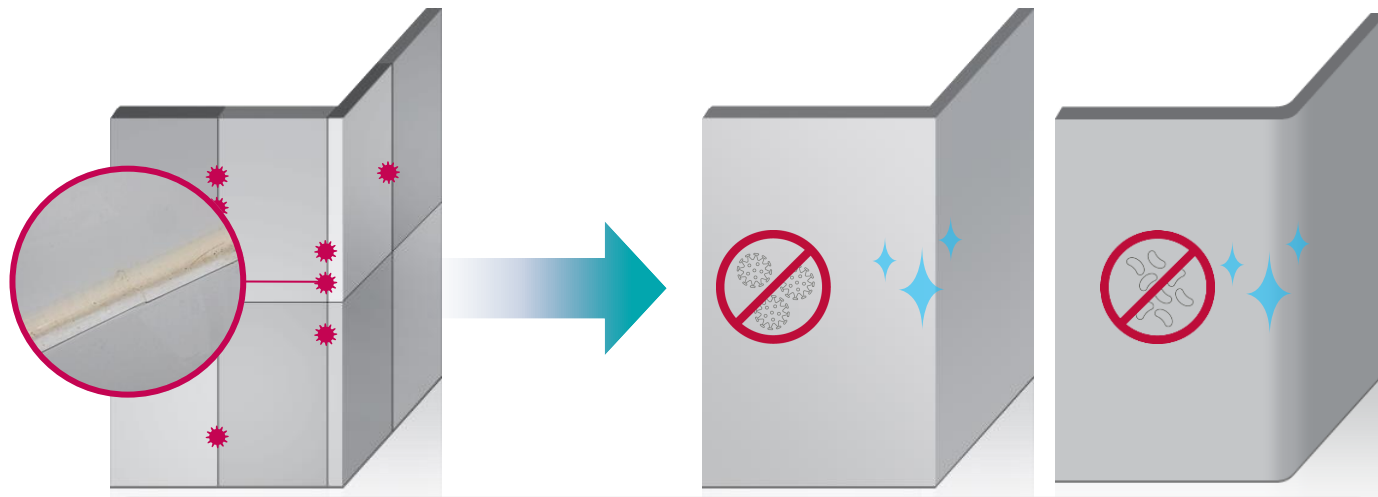
99.9%
impermeability



HIMACS has a smooth and non-porous surface, to prevent the penetration of any liquids and dirt.

HI·MACS

Surfaces with no visible seams means no proliferation of bacteria, virus and mould.



Resistant and time-saving: HIMACS is the most resistant solid surface in the market when following the ECDC* cleaning protocols. With easy and rapid care, cleaning times between two operations are reduced, thus saving time.

*European Centre for Disease Prevention and Control



HIMACS

A seamless, resistant and easy-to-clean surface.



Chemical Resistance: It can be maintained using the strongest detergents, including those used to clean operating theatres, while retaining a “like-new” appearance.

HI·MACS

Outstanding hygienic properties.



HAI's avoidance: *HIMACS is perfectly suited for disinfected areas which need to comply with the strictest hygiene rules playing an important role in preventing cross contamination and helping HAI's* avoidance.*

*Hospital Associated Infections.

HI·MACS

Outstanding hygienic properties.

Resistant to
Virus



Resistant to
Chemicals



Resistant to
Bacteria



It was demonstrated that HIMACS, which has been in contact with the **HIV virus, can be decontaminated with just 30 seconds use of a solution of bleach or isopropyl alcohol.**

Tests conducted on HIMACS Alpine White, conforming to EN 16615, have demonstrated an **excellent resistance to the staphylococcus aureus bacteria.**

HI·MACS

HIMACS Cleaning Protocol

HIMACS is the most resistant solid surface in the market when following the ECDC* cleaning protocols.

With easy and rapid care, cleaning times between two operations are reduced, thereby saving a considerable amount of time.

*European Centre for Disease Prevention and Control



HIMACS **QUALITYCLUB**

IMPORTANT:

To secure the best results, please **follow the fabrication and installation guidelines specified in the HIMACS fabrication manual.**

For healthcare applications, please contact LX Hausys to **refer to a Quality Club Member.**

HI·MACS

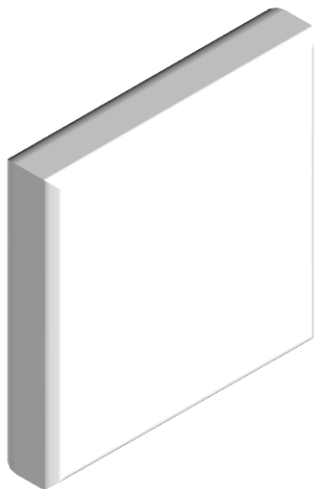
UV Disinfection

UV+

S828 Alpine White UV+

The advanced technology of HIMACS S828 UV+ makes the product resistant to UV radiation. In the healthcare segment it is imperative to reduce the risks of HAI (Healthcare Associated Infections) to a minimum. The disinfection with the help of UV-C radiation is one of the most aspiring methods nowadays.

HIMACS S828 UV+ shows resistance to UV-A, UV-B and UV-C radiation. Its properties minimize the colour difference up to 50% compared to other solid surface materials, making HIMACS the best in class solid surface in the market.



HI·MACS

Certified Quality. Because safety is our first priority.



Certified
Environmental
Product Declaration
www.nsf.org



Non toxic and emissions, nanoparticles & formaldehyde-free.

HIMACS has been awarded the
Greenguard Gold Indoor Air Quality
Certificate.

Certified by an independent
laboratory for its hygienic properties
in accordance with the international
norm **LGA** and **NSF**, meeting the
higher standards for hygiene.

HI·MACS

Sustainable Quality

Material Composition

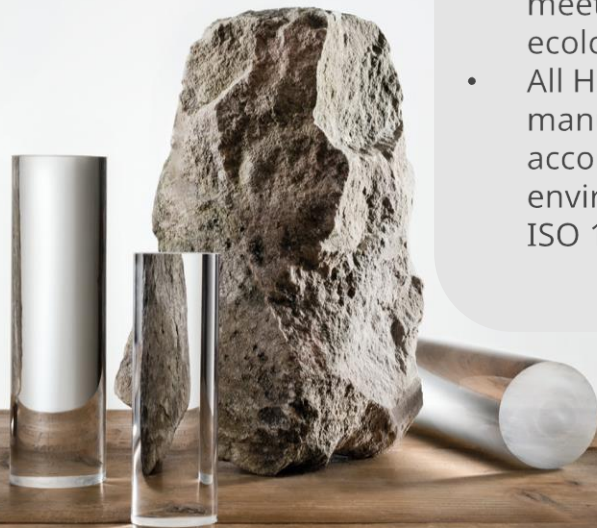
- HIMACS is composed of 67% minerals, 30% acrylic and 3% natural pigments.



Photo by Rafael Krötz

HI·MACS

Sustainable Quality



Value Chain

- From its manufacture to its disposal, HIMACS meets the highest ecological standards.
- All HIMACS products are manufactured in accordance with the environmental standard ISO 14001.



Photo by Rafael Krötz

HIMACS

Sustainable Quality

Recycling

- LX Hausys continuously aims to make its products increasingly sustainable and more environmentally friendly. **HIMACS pre-consumer waste is recycled into new products** from the different HIMACS ranges which contain up to 16% recycled material, certified by SCS Global Services.



HI·MACS

Sustainable Quality

The benefits flow together seamlessly.



Recyclable

- Since HIMACS can be visually seamlessly joined, any off-cuts can be used in other projects, meaning there is virtually no wastage of the material.

Durable

- HIMACS installations are extremely durable and retain their original condition, it is also possible to repair HIMACS. As a result, there is very little waste.
- Additionally, products that last a long time do not need to be replaced, which saves resources and energy and has a positive effect on the eco-balance.



HI·MACS

Durable and easy to maintain.

Very easy to repair.

Thanks to this sturdy and long-lasting material, renovation work in hospital settings is less and less frequent for long term reduced maintenance costs. .



QC
HIMACS **QUALITYCLUB**

Extremely durable and long-lasting, offering an excellent price/performance ratio and a 15 Years Warranty when manufactured and fitted by a HIMACS Quality Club member.

HI·MACS

Incredible versatility and impressive aesthetics.



- **Customizable** to create bespoke solutions.
- Available in a **huge range of colours** and designs.
- **Thermoformable** means any shape is possible, whether structured, curved or organic, transforming traditionally technical facilities into designer settings.

HI·MACS

GENERAL APPLICATIONS OF HIMACS

• LABORATORIES

- Pharmaceutical production
- Radiology
- Blood work laboratories
- Biotechnology research centres

• SURGERIES

- Medical
- Dental
- Veterinary
- Pharmaceutical
- Podiatrists
- Physiotherapy
- Chiropractors

• HOSPITALS, CLINICS AND HEALTHCARE FACILITIES

- Kitchen
- Bathrooms
- Cafeterias
- Consultation rooms
- Day hospitals
- A&E wards
- Intensive care
- Laboratories
- Maternity ward and delivery rooms
- Psychiatric hospitals
- General infirmary
- Nursing homes and palliative care
- Operating theatres
- Paediatric ward
- Rooms
- Pharmacy
- Reception and waiting room
- Infirmary areas (school sick-bays, company sick rooms...)

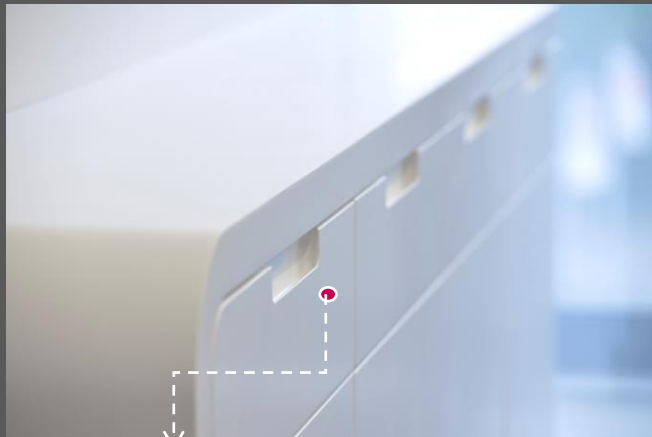
• MANUFACTURERS OF MEDICAL EQUIPMENT AND MATERIAL

- Medical equipment
- Dentists' chairs
- Hospital furniture
- Work surfaces

Wall-cladding <--



--> Counters



Drawers and
integrated
handles



Sinks

Shelves <--



Niño Jesús Hospital - Design: Elisa Valero - Fabrication: Muebles Maderama s.l. - Material: HIMACS Alpine White - Photography: Fernando Alda /
Cardio Centrum Dusseldorf - Design: bürger albrecht partner (bap), Wuppertal - Fabrication: Tischlerei Woodstar, Odenthal - Photography: © bap / Wolf Birke, Wuppertal

HI·MACS



OMAGH HOSPITAL AND PRIMARY CARE COMPLEX

Location: Omagh, Co. Tyrone, Northern Ireland - Design: Andrew Murray, TODD Architects - Engineering: Doran Consulting Limited - Fabrication: Diorite Ireland Ltd
Material: HIMACS Pebble Pearl G107 and Arctic Granite G034 - Contractor: McLaughlin and Harvey Specialist Joinery - Photography: © Chris Hill Photography

HI·MACS



ORTHODONTIST E-DENTAL

Location: Capelle, The Netherlands - Fabrication: B-M Interieurs BV for E-Dental - Material: HIMACS Alpine White S028 - HIMACS Supplier: Baars & Bloemhoff
Photography: © B-M Interieurs

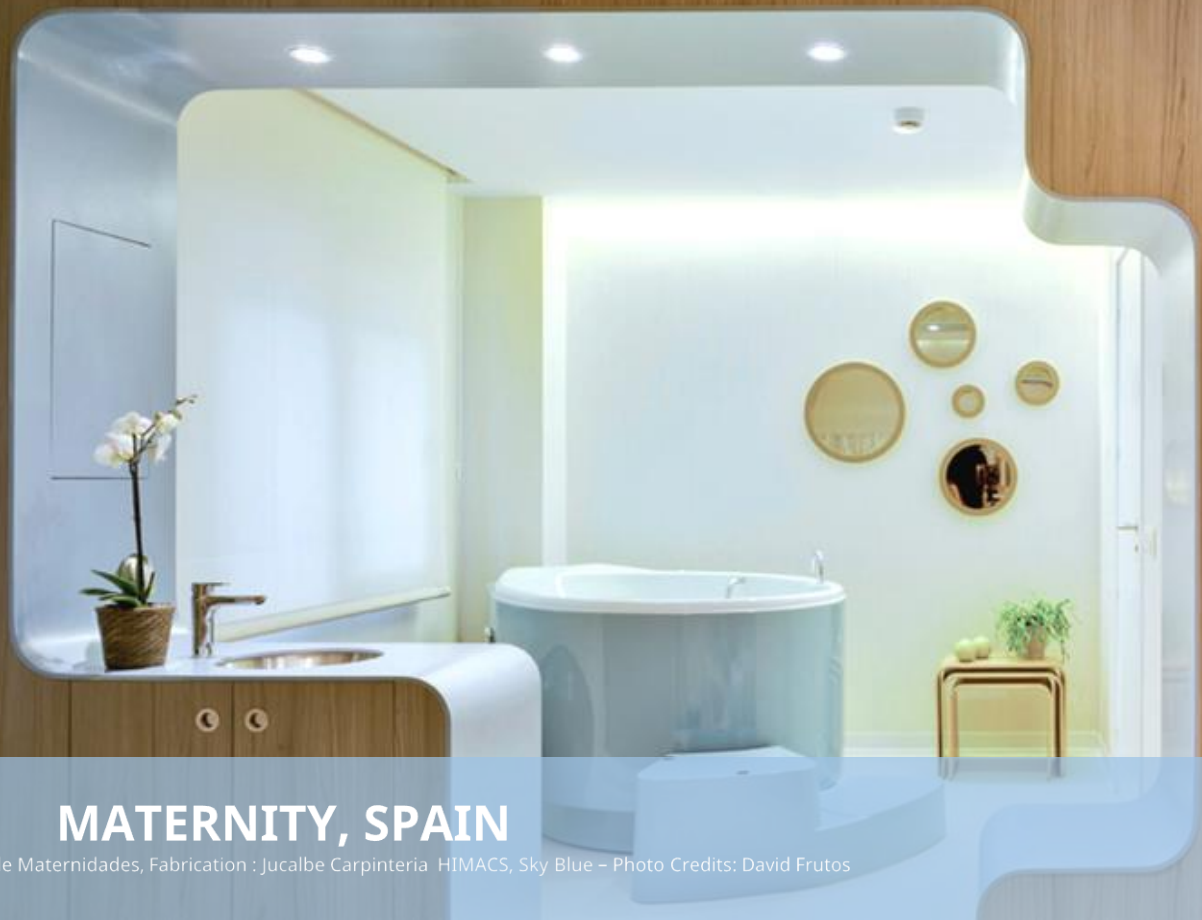
HI·MACS



GYNECOLOGICAL CLINIC IN VALENCIA

Location: Valencia, Spain - Design: Fran Canós Studio - Engineering: Fran Canós Studio - Material: HIMACS Alpine White
Photo credit: © Lope Matías

HI·MACS



MATERNITY, SPAIN

Designed by AMA Arquitectura de Maternidades, Fabrication : Jucalbe Carpinteria HIMACS, Sky Blue – Photo Credits: David Frutos

HI·MACS



STOMAMED DENTAL CLINIC

Location: Bratislava, Slovak Republic, Design: Pro-Style s.r.o. - Fabrication: Drevovyroba Podzimek, Czech Republic - Material: HIMACS Emerald - Photo Credits: Katarina Bako Dohranyova

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PHARMACY DOMENECH

Location: Valencia, Spain - Design: Inside Pharmacy & A4 Studio, Spain - Fabrication: Inside Pharmacy, Spain - Material: HIMACS, Alpine White
Photography: © Vicugo Studio

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NIÑO JESÚS HOSPITAL

Location: Madrid, Spain - Design: Elisa Valero - Fabrication: Muebles Maderama s.l. - Material: HIMACS Alpine White - Photography: Fernando Alda

HI·MACS



OPERATING THEATRE AT CASA DI CURA SAN CAMILLO BRESCIA

Location: Brescia, Italy - HIMACS Aseptic prefabricated wall system: MED s.r.l. - Fabrication: 3MC s.r.l.

HIMACS



EMERGENCY HOSPITAL CLÍNIC (3RD FLOOR)

Location: Barcelona, Spain - Design: PMMT Arquitectura, Spain - Fabrication: Abalit Elementos Moldeados S.L., Spain - Material: HIMACS, Alpine White
Photography: Pedro Pegenaute, PMMT Arquitectura

HI·MACS



LIV HOSPITAL, TURKEY

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

HI·MACS

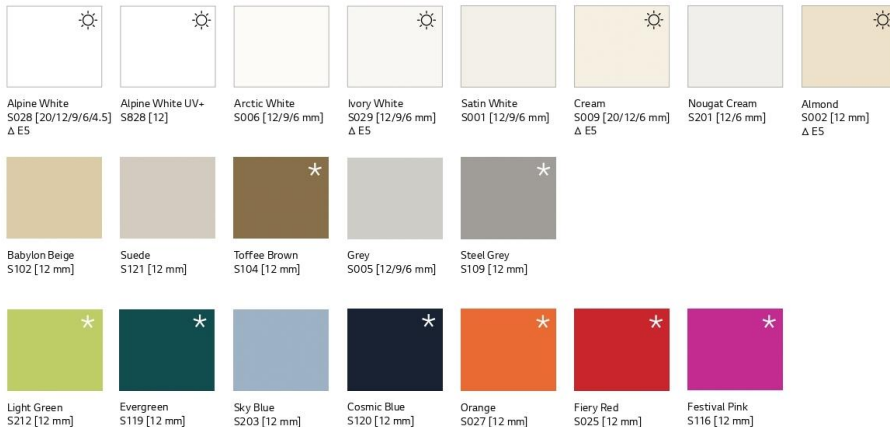
Selection of popular colours in the Healthcare field.

The appropriate use of colour for a healing environment



Solids

From elegant to extravagant, classic to ultra-contemporary.



Granite, Quartz, Sand & Pearl

A huge selection of textures and colours.

Natural, elegant and perfect to combine.



Lucent

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



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

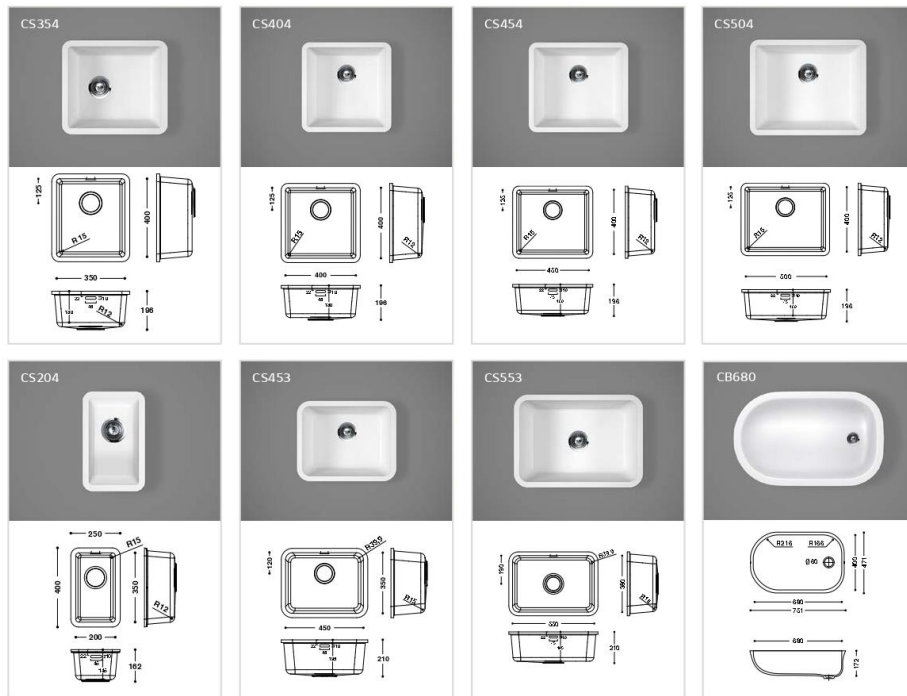


Light Green

HI·MACS

Sinks & Baby Bath Offering.

To combine inconspicuously to a HIMACS worktop surface



Alpine White
S028

HI·MACS

HIMACS Chemical Resistance

*Top disinfectants to control HAI's**

AGENT	RATING	TIME OF APPLICATION	RESULT
STERILANTS AND HIGH-LEVEL DISINFECTANTS			
Formaldehyde (37%)	5	24 h	No visible change
Glutaraldehyde (25%)	5	24 h	No visible change
Ortho-phthalaldehyde	5	24 h	No visible change
Hydrogen peroxyde (30%)	5	24 h	No visible change
Peracetic acid (1200 ppm)	3	24 h	Moderate change in gloss and/or colour
Peracetic acid/ Hydrogen peroxide	5	24 h	No visible change
INTERMEDIATE-LEVEL DISINFECTANTS			
Sodium hypochlorite	5	24 h	No visible change
Iodophors	5	24 h	No visible change
Chlorhexidine (4%)	5	24 h	No visible change
Isopropyl alcohol (45%)	5	10 m	No visible change
LOW-LEVEL DISINFECTANTS			
Quaternary Ammonium Compounds	5	24 h	No visible change
Phenols (1%) *	5	20 m	No visible change

Tests carried out in accordance to Norm UNE-EN ISO 19712-3:2013

Evaluation

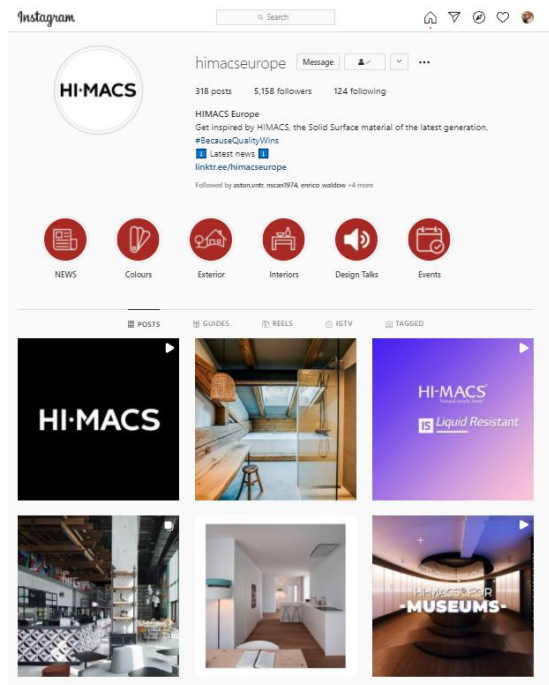
RATING LEVEL	DESCRIPTION
Rating 5	No visible change
Rating 4	Slight change in gloss and/or colour, only visible at certain viewing angles
Rating 3	Moderate change in gloss and/or colour
Rating 2	Marked change in gloss and/or colour
Rating 1	Surface distortion and/or blistering

HI·MACS

Social Media

Features

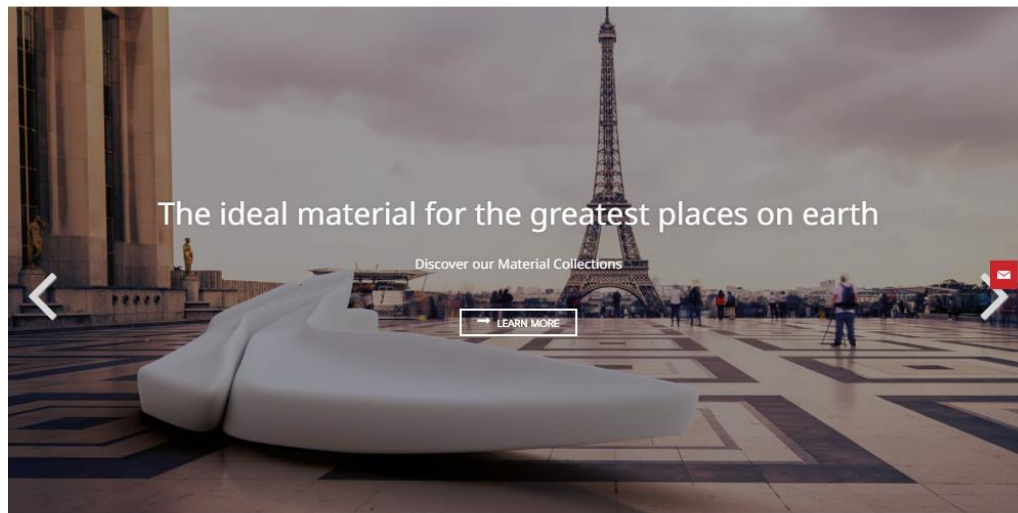
Connect with HIMACS on all major social medias :



HIMACS #BecauseQualityWins

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

HI·MACS



© 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>

