

CCD CardioCentrum Dusseldorf

HI-MACS®: good for the heart



Königsallee in central Dusseldorf is not just the first stop for manufacturers of luxury items, it also attracts medical facilities. Köblich, the famed office building designed by the renowned architectural firm Ingenhoven, is situated at the south end of the street. It is here that the Wuppertal agency for communication and design, bürger albrecht partner, laid out their plans for the 750 square metre CardioCentrum Dusseldorf and chose to incorporate HI-MACS® solid surface material into the design of the clinic's furnishings.

"The people make the place and the place makes the people" – this guiding principle forms the basis of the design drawn up by the Wuppertal designers and architects, which reflects both the practical and conceptual aspects of the cardiology clinic. The space-creating design employing HI-MACS® follows the eight-degree angled facets that define the cubature in the building's floor plan. The architect managing the project, Heiko Meyer, calls the resulting structures "eight-degree furniture" because the edges of the furnishings in the treatment rooms and doctors' offices, as well as of the screen in the waiting area and reception counters, have been broken in facets of eight degrees, just like the building's cubature. HI-MACS® can easily be thermoformed or bevelled, leaving the robust surface of the solid material, which is

made of 70% natural stone dust, 25% high-quality acrylic resin and 5% natural pigments, non-porous and smooth, with no visible grooves or joint lines.

In addition to aesthetic reasons, the interdisciplinary agency bürger albrecht partner chose HI-MACS® especially for the extraordinary hygienic standard of the acrylic stone. 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.



PROJECT DESIGN NOTES

Project name: CCD – CardioCentrum Dusseldorf

Architects: bürger albrecht partner + (bap+), Wuppertal

Manufacturer: Tischlerei Woodstar, Odenthal

Photo credit: bap+

Materials: HI-MACS® S028 Alpine White - www.himacs.eu



HI-MACS® by LG Hausys

Surfacing the World

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HI-MACS® is a solid surface material that can be moulded into any shape. It is widely used for architectural and interior applications, such as sculptural and high performance wall-cladding or kitchen, bathroom and furniture surfaces, in commercial, residential and public space projects. It is composed of acrylic, natural minerals and pigments that come together to provide a smooth, non-porous and visually seamless surface which meets the highest standards for aesthetics, fabrication, functionality and hygiene – offering manifold advantages over conventional materials.

HI-MACS® provides limitless possibilities for surfacing solutions and inspires creative minds from all over the world. **Zaha Hadid, Jean Nouvel, Rafael Moneo, Karim Rashid and David Chipperfield**, among others, have completed fabulous projects using HI-MACS®, from kitchens to bathrooms, including decorative items, in hotels as well as in museums, shopping centres and on external façades.

LG Hausys' HI-MACS® uses a simple heating process to give three-dimensional thermoplastic forming capabilities, allows visually seamless designs, offers a virtually limitless range of colours and – for some shades - exhibits a special translucency when exposed to light. Although HI-MACS® is almost as robust as stone, it can be worked in a similar way as wood: it can be sawn, routed, drilled or sanded.

HI-MACS® is manufactured using a new generation technology, the **thermal cure**. The temperature reached during the manufacturing process sets HI-MACS® apart from other solid surfaces and creates a denser, even more homogeneous, sturdy, durable surface – with a better resistance and superior thermoforming performance.

As regards hygiene, HI-MACS® does not absorb humidity, is highly resistant to stains, and is easy to clean, maintain and repair.

Countless internationally recognized certificates attest to the quality of HI-MACS® in terms of ecological commitment, hygiene and fire resistance – being the first Solid Surface in the market to receive the official **European Technical Approval (ETA) for façades** – for Alpine White S728 colour.

HI-MACS® offers the longest warranty on the solid surface market with a 15-year warranty for products fabricated and installed by a member of the HI-MACS® Quality Club.

HI-MACS® The New Generation

Inspired by Architecture

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Let's connect!



* HI-MACS® is designed and produced by **LG HAUSYS**, a world leader in the technology sector belonging to LG Group, and distributed by **LG HAUSYS EUROPE** based in Geneva (Switzerland).