

HI-MACS® portrays the city in the new Museum of Copenhagen



JAC studios has designed a permanent exhibition for the new **Museum of Copenhagen** and introduces a poetic multimedia model of Copenhagen made entirely from **HI-MACS® solid surface material**.

The Copenhagen Panorama is an expressive universe that talks to all the senses. A universe where the city's heartbeat and life unfolds through laser projections, light, and animations, as well as through a dynamic sound image of a day's 24 hours' activities in Copenhagen.

Surrounded by the city's panoramic horizon, visitors can gather around the elaborate elliptical model of the Copenhagen city central as it looked in 2020.



Like a never-ending sunset



The back wall of the Museum of Copenhagen offers an impressive backdrop to the miniature model of the city. The panoramic view was milled by YOHO fabricators into the HI-MACS® material, used here in the translucent Opal shade. There are several levels of milling, which are backlit at different intensities giving an inspiring scene behind the model city.

The model allows for exploration, and an element of surprise of the unknown, as well as opportunities to recognise the buildings and city squares that make Copenhagen the city we know. With the use of an interactive interface, specific attractions can be activated to guide people who know the city, or to help orientate visitors when they walk out of the museum.

Thanks to its non-porous, fire resistant and extremely hygienic surface that is resistant over time to abrasion or friction, the polished appearance of HI-MACS® makes it perfect for bearing the full weight of the exhibition, without suffering any kind of damage or imperfection. In addition, because it is highly thermoformable, this material can be moulded into any shape, endowing any project that utilises it with energy and flow. Likewise, it has turned out to be ideal for the creation of the backlit museum's display, creating plays of light by means of various milled edges.



“The ambition of the Copenhagen Panorama has been to create a poetic as well as a rational image of Copenhagen. The exhibition, which is staged in a space where light and sound change subtly, gives precise statistics and data of the city’s development as well as transport, lifestyle and the habits of the Copenhageners. The materiality of the design reflects the city’s volatility but also the stability and weight that history and the city itself manifests.” Says exhibition architect **Johan Carlsson, from JAC studios.**

Project Information:

Location: Copenhagen, Denmark

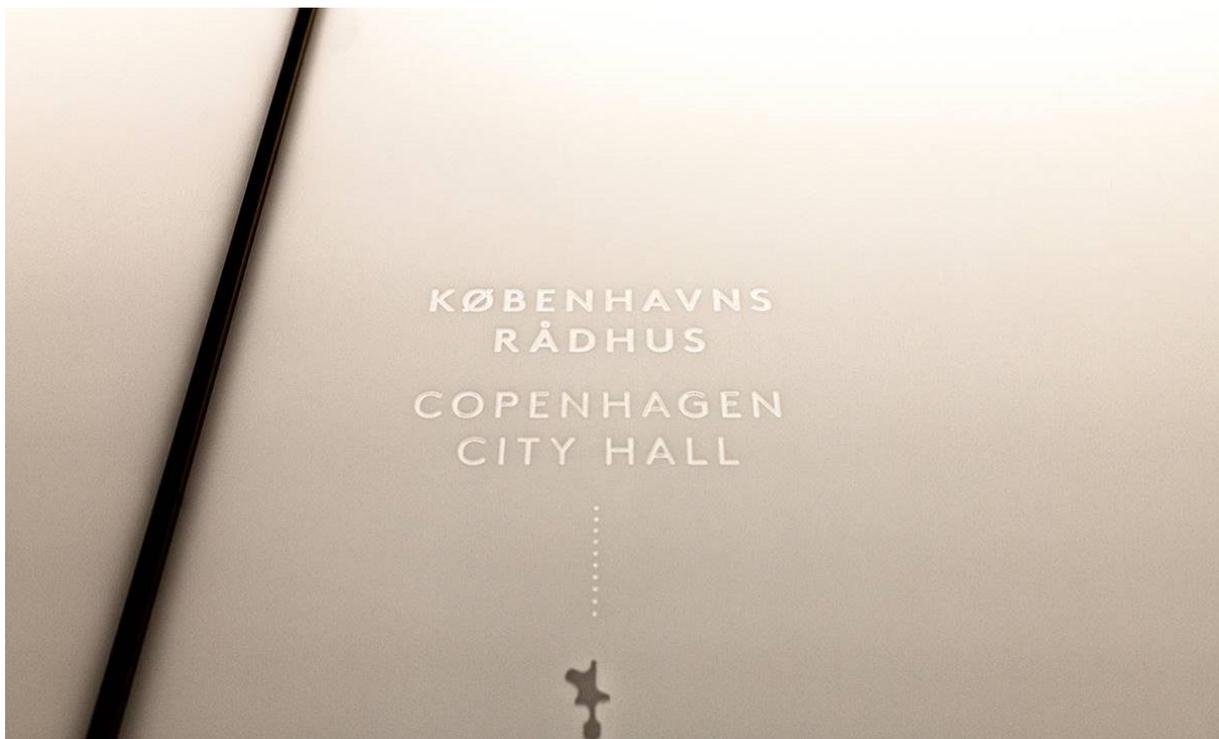
Design: JAC Studios / Johan Carlsson, jacstudios.dk

Fabrication: YOHO, Roy Hobbs, yoho.dk

HI-MACS® Supplier: Gop Denmark A/S

Material: HI-MACS® S302 Opal www.himacs.eu

Photo Credits: Nicholas Løye



HI-MACS® by LG Hausys

www.himacs.eu

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 minerals, acrylic and natural pigments that come together to provide a smooth, non-porous and visually seamless surface which meets the highest standards for quality, 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, Marcel Wanders** and **David Chipperfield**, among others, have completed fabulous projects using HI-MACS®.

At the forefront of innovation as always, LG Hausys recently introduced two new products. First **HI-MACS® Ultra-Thermoforming**, an innovative formula that pushes the boundaries of solid surface shaping to a whole new level, with 30% more thermoplastic capabilities - the biggest innovation for the Solid Surface history since its inception in 1967. Now, **HI-MACS® Intense Ultra**, combining the characteristics from two disparate worlds: **Intense Colour Technology** and **Ultra-Thermoforming**.

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.

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. Furthermore, HI-MACS® has obtained the French **QB certification** and **CSTB ATec “Avis Technique”** for facade applications.

HI-MACS® offers a 15-year warranty for products fabricated by a Quality Club Member.



HI-MACS®. Because Quality Wins.

For more information and to stay connected, visit our [website](#) and our [newsroom](#).

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 Frankfurt (Germany).

HI-MACS® Media contact for Europe:

Mariana Fredes – LG Hausys Europe GmbH - Ph. +41 (0) 79 693 46 99 – mfredes@lghausys.com

High resolution images available: www.himacs.eu/newsroom