

## The hygienic properties of HI-MACS® make it perfect for this dental clinic's reception area



Starting with an unfinished, grey open space, the **team of architects from studio3plus** transformed it into the latest Dr. Leahu Dental Clinic in Oradea, Romania. Located on the ground floor of a residential complex, the space gave the designers a free rein when it came time to complete the interior design project.

For the reception, as the busiest area of the clinic, **a suitable design was needed for every aspect** of the furnishings, adapting them to the structural and architectural limitations of the space. In addition, they wanted to conceal the existing pillars, and required a waiting area for patients, which both had an influence on the selection of a **striking zigzag design for the ceiling and walls**.



The use of a vibrant green colour for the inside of the entrance and hallway, laid out in a variety of different hues, creates a sense of **unity throughout the entire space**, which both divides and **visually differentiates the space**: reception, waiting area and access to the different exam rooms.

This work with planes and colours is highly reminiscent of the primary aesthetics of one of the most distinguished masters of the Bauhaus, Josef Albers, who explored the paradoxical qualities of painting in relation to three-dimensional space and who also discovered the overlap between visual appearance and the psychological effects of colour.

From the entrance, there is one feature that breaks with the colours of the area and which attracts the eyes directly to it: the imposing reception desk, made of **HI-MACS® Diamond White**. Despite the broad range of colours and patterns that are available from HI-MACS®, the simplicity of the pure Diamond White not only makes the counter the focal point of the entrance, but also establishes a **strong perception of hygiene and cleanliness**, which is essential in a dental clinic.



For the project's architects, the choice of HI-MACS® acrylic stone was based on the excellent properties of the material: its thermoformability and **completely smooth, non-porous and seamless surface**, making it perfect for an anti-pathogenic environment. This uniformity of the material makes it **extremely hygienic and ideal for use in medical and healthcare environments**, not to mention exceedingly easy to clean and maintain.

With regard to the suitability of the material for healthcare applications, HI-MACS® has received the **prestigious LGA hygiene certification**, which endorses its fantastic benefits for the food, hospitality and healthcare sectors. This next-generation acrylic stone material not only possesses **internationally renowned resistance to mould, dirt, viruses, bacteria and a multitude of chemicals**, but is also emission-free, non-toxic, and highly resistant and durable.

With this project the team from studio3plus has demonstrated that healthcare needs are not inconsistent with a design that creates a **peaceful, fun and protective atmosphere for patients**.

**PROJECT INFORMATION:**

**Name:** Dr. Leahu Dental Clinic

**Location:** Oradea, Romania

**Design:** studio3plus

**Material:** HI-MACS<sup>®</sup> Diamond White S034 – [www.himacs.eu](http://www.himacs.eu)

**HI-MACS<sup>®</sup> fabricator:** Furniture Vision

**Photos:** © Radu Malasincu – [www.radumalasincu.com](http://www.radumalasincu.com)

## HI-MACS® by LG Hausys

[www.himacs.eu](http://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](mailto:mfredes@lghausys.com)

High resolution images available: [www.himacs.eu/newsroom](http://www.himacs.eu/newsroom)