

## Beautiful penthouse featuring HI-MACS® on the coast in Nieuwpoort



**This wonderful penthouse in a coastal building in the town of Nieuwpoort, Belgium has a terrace, 100 m<sup>2</sup>, which is so much more than a simple brick terrace: a genuine hanging garden made of next generation materials like HI-MACS®.**

For this elegant penthouse, the owners challenged the landscape architects at **Atelier Artisjok** to deliver a landscaped rooftop terrace with a difference.

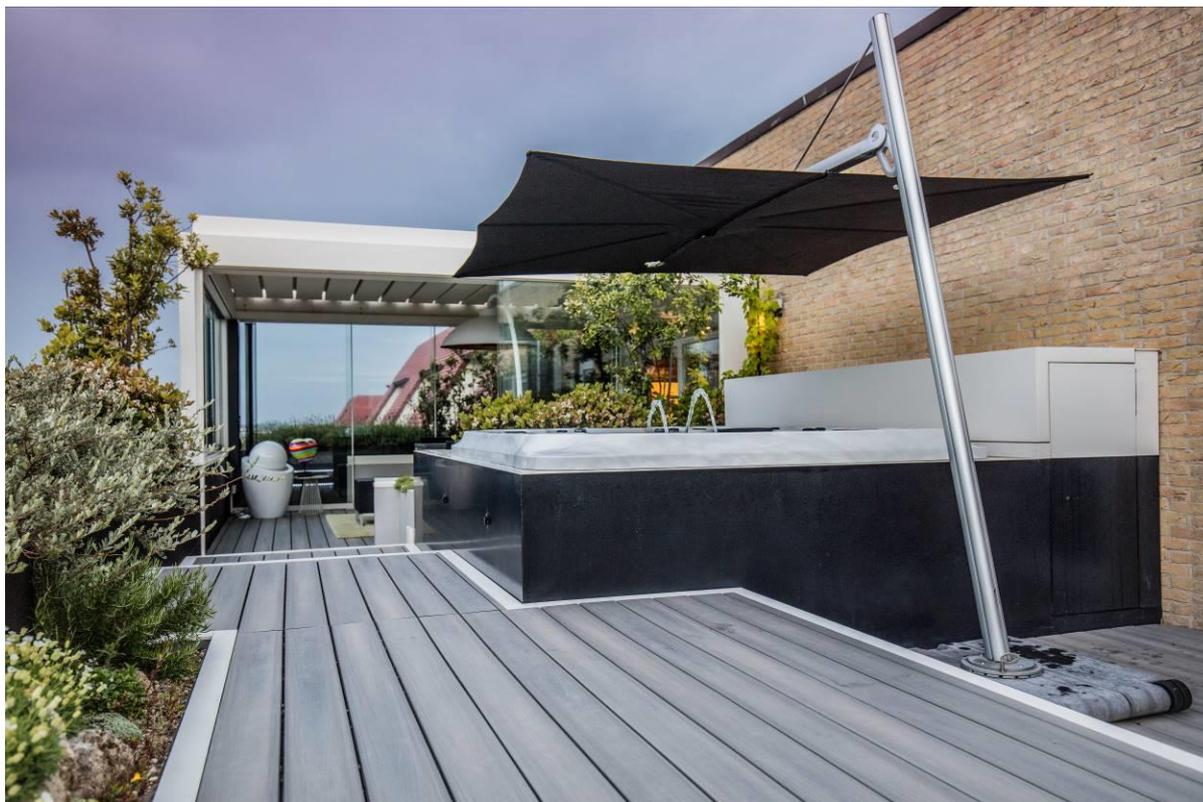
Coordinated by Atelier Artisjok, a team of landscape artists, engineers, architects, contractors and suppliers took up the challenge to transform this hanging garden.

The most advanced techniques were employed: subjacent metal load distribution structures and an automated sprinkler system.

There was just one constraint: the choice of materials needed to be suited to the often harsh climate conditions, with the wind, sand and salt sweeping the coast in winter.

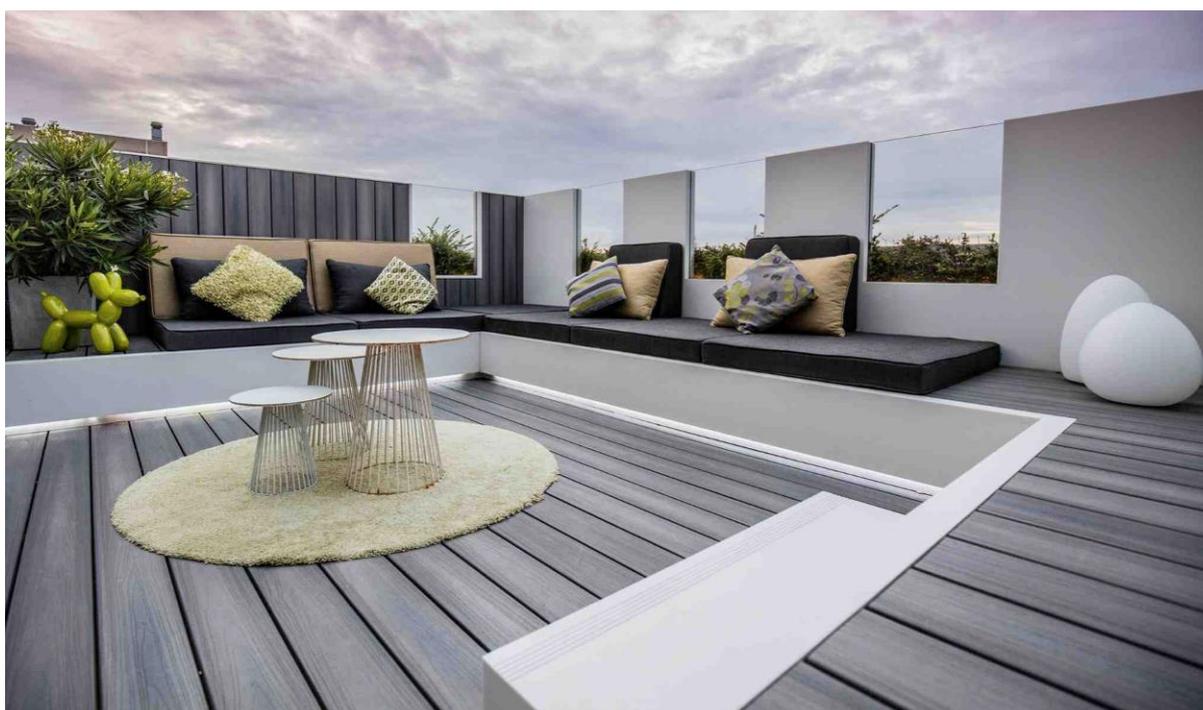
In the search for corrosion resistant materials, the choice was simple: HI-MACS® which, along with its intrinsic qualities, fitted perfectly with the composite deck and the polyester utilized in the large plant boxes.

Thanks to the material's versatility and its availability in different colours – Ivory White and Black Granite were chosen here –HI-MACS® was used in many areas: the shower, the hot tub, the steps, the windbreaks... even the cat flap!



HI-MACS® Ivory White (a more subtle shade than the popular Alpine White) dominates the colour palette. As for the accents of HI-MACS® Black Granite, they provide an elegant contrast with the white structures, all of which harmonises with the grey of the decking.

Evergreen plants add a fresh touch where everything has been designed to foster a sense of well-being: from the secluded terrace lounge protected from the wind, ideal for long summer nights, to the comfortable, warm bespoke veranda created for meals with friends in the shade of automated parasols which is well protected from the sea breeze.



A ubiquitous hot tub, used for star-gazing sessions after dinner, is supplemented with a luxurious shower, both installed along the sun-warmed brick wall with a stunning view of the nearby dunes.

Above all, the whole roof terrace is simple to maintain, the non-porous quality of HI-MACS® means the material can withstand the most extreme weather, ensuring a pristine finish for the years to come.

### **PROJECT INFORMATION**

**Location:** Nieuwpoort, Belgium

**Designer & Contractor:** Atelier Artisjok Bvba – Peter Duerinck, Belgium, atelierartisjok.be

**HI-MACS® Fabrication:** L+A Projects, Belgium,

**HI-MACS® Supplier:** Engels Design & Decoration, Belgium

**Material:** HI-MACS® Ivory White & Black Granite, himacs.eu

**Photos:** © Pieter D’Hoop



## 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 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 Structura®**, a 3D textured panel material that takes solid surface opportunities to a new level. And also **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.

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).

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