

## **With HI-MACS®, The Sun Has A Date With The Moon** A sunshade façade in the 1950s spirit of the seaside

SOLUNA | KAZEHANA & TUILLIERE



For many years now, HI-MACS® has been assisting architects, designers, carpenters, woodworkers, interior designers and other with their projects, from the simplest to the most exotic. As a result, it has been used on a daily basis by everyone for whom passion is a part of their DNA. Their creativity, not to mention their boldness, leads them on a quest for perfection, pushing the limits of craftsmanship.

One of those wonderful encounters features **Kazéhana & Tuillière**. Their creation of a stunning facade for this contemporary villa was designed by the architect **Thomas Danin** and is tucked away in a seaside cove in Vaux-sur-Mer, France.

### **Soluna: Part sunshade, part façade**

In the spirit of the famous sunshades that marked the architecture of the city of Royan in the 1950s, three large, elegant panels made of HI-MACS® personalise this façade. Spread over 10 metres of sliding rails, their graphic design plays with the sun and the moon to create amazing effects of light and shadow.

The specifications for this home facing the Atlantic were extremely demanding, which is why Kazéhana & Tuillière selected the best materials, like HI-MACS®, for the high-end contemporary panels.

The subtle reflections project all the way into the house, causing light and shadows and breathing life into a multifaceted wall design that changes throughout the day. In addition, the pure white of HI-MACS® Alpine White adds an extra touch of delicate, refined brightness.



*“The luminosity of the material is fantastic. Pure, matt white made of natural minerals, super-silky to the touch and ultra-durable. The light that it reflects is so elegant, even soothing, as our clients so often tell us. For custom-made creations that are full of finesse, we needed a material with the high quality of HI-MACS®!”* remarks Julien Tuillière.

Over and above the fabulous thermal comfort, intimacy and aesthetics provided by the façade panels, they endow the house with a specific identity, so it stands out from the rest.

The panels’ design was crafted to suit a theme requested by the client, using the sun and the moon as the main components. Based on that, the designer Harumi Kazéhana sketched Soluna, a pattern adorned with suns and moons, in a blend of simple lines and curves.

Moving from the sketch to fulfilment took many different steps, each one carried out with care, passion and precision, combining digital processes with craftsmanship.

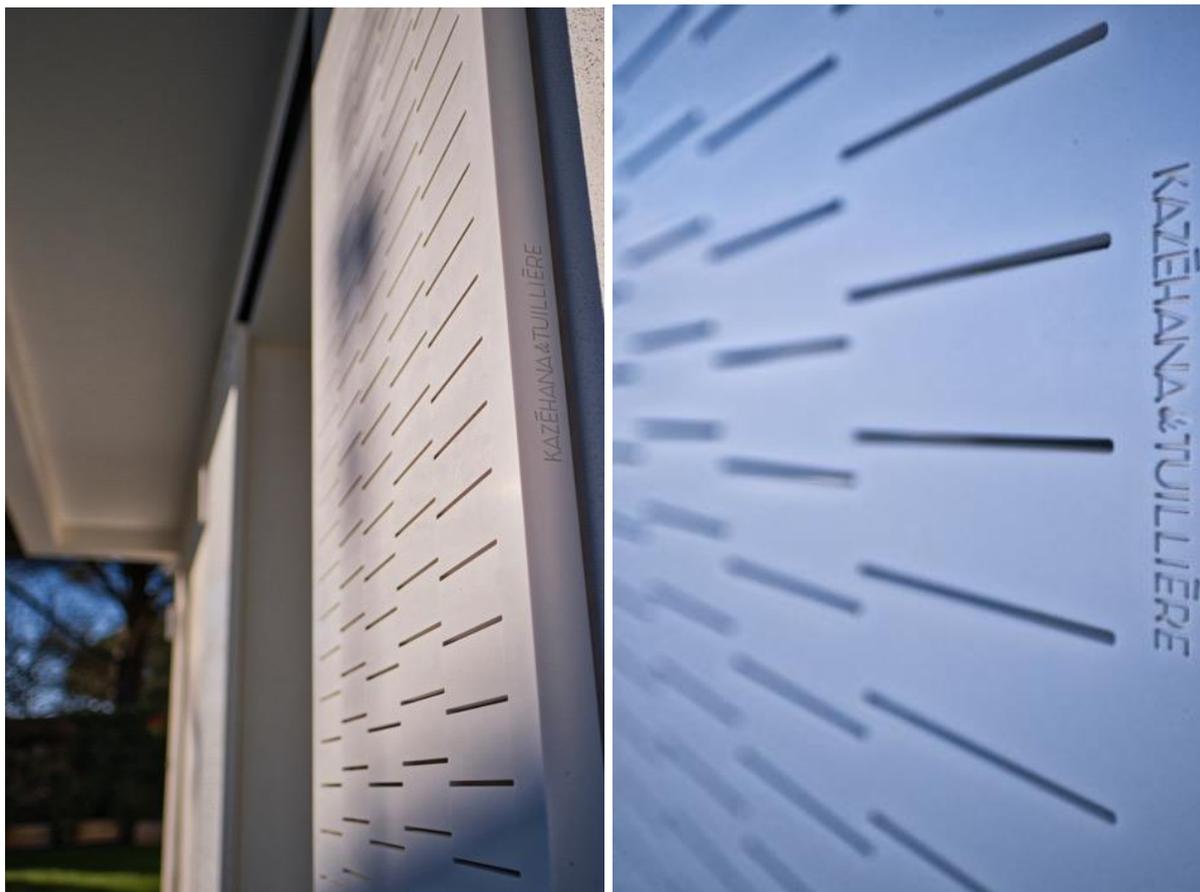
The Soluna installation comprises three one-piece panels measuring almost 360 cm in height by 85 cm in width. The track cover was also made of HI-MACS®, a small detail that made all the difference.

“More than just a source of inspiration, a real synthesis was established between our creative process and the HI-MACS® material. For people like us, who love light and uncompromising finishes, that material allows us to express ourselves freely, by working it in rather unconventional ways. The most stimulating part for us was that HI-MACS® is able to wonderfully convey all of the sensitivity and emotions that we put into our work.” enthuses Julien.



### **Another nod to 1950s Royan: Slatted shutters**

Once again resonating with the architectural style of seaside villas - inspired among others by Le Corbusier during the city's reconstruction in the 1950s - sliding slatted shutters made of HI-MACS® (85 x 215 cm) protect the home's southern and western façades and guarantee thermal comfort in those interior spaces.



Kazéhana & Tuillière recognise that this project was a formative one, given the large dimensions of the installation, as these imposing pieces had to impart all of the desired delicacy and airiness! Today, we can appreciate the poetry and gently luminosity of Soluna, which will stand the test of time, thanks to the sturdiness of its materials. HI-MACS® possesses many beneficial properties, including one that was of vital importance to this project: excellent resistance to weather, UV rays and the passage of time.

HI-MACS® is also the first Solid Surface on the market to have earned the ETA (European Technical Assessment) certificate, for façades in Alpine White S728. In addition, the material has also received the French QB certificate and the ATec (Technical Appraisal) from CSTB (Scientific and Technical Center for Building) for façade applications.

This project is already attracting the attention of many a walker along this coastal road!

According to Julien Tuillière, *“there are no limits with HI-MACS®. Its powers of seduction are so multi-faceted and adaptable to our homes today that we still have many paths to explore with it.”*

## **ABOUT KAZÉHANA & TUILLIÈRE**

The result of an encounter between a Mexican design artist, Harumi Shiguétomi Escobar “Kazéhana,” and a French craftsman, Julien Publie Tuillière, the Kazéhana & Tuillière studio was founded in North America in 2012, creating art objects for clients in Mexico, the United States and Canada.

The uncommonly meticulous creations made by Harumi, a self-taught designer and painter, are the fruit of a delicate alchemy blending luxurious nature, pre-Hispanic traditions, Mexico’s rich folklore and the aesthetics of Japanese sketches.

As for Julien, after a career in international commerce, he met Harumi and discovered the great wealth of her country’s folk arts and crafts, which come in a multitude of noble materials, marking his first real contact with matter. He started working with wood, pairing it with slate to create an initial artistic blackboard, with a few strokes of Harumi’s paintbrush.

The artist and craftsman would hone their skills. For example, Julien worked, in parallel at a woodworking studio for three years, before arriving in Vaux-sur-Mer, near Royan, in 2017. Kazéhana & Tuillière was born of that demanding, beneficial complementarity, and the partnership was met with great success.

In their studio in Saint-Sulpice-de-Royan, they create objects and custom layouts for individuals and businesses, and offer innovative decorative solutions that can elevate any space and bring aesthetically pleasing objects to life, in a blend of design, precision and functionality.

## **PROJECT INFORMATION :**

**Project:** Soluna façade

**Location:** Royan, France

**Façade designer:** Kazéhana & Tuillière | [www.kazehana-tuilliere.com](http://www.kazehana-tuilliere.com)

**HI-MACS® manufacturer:** Kazéhana & Tuillière

**HI-MACS® distributor:** PlanAcryl | [www.planacryl.com](http://www.planacryl.com)

**Material:** HI-MACS® Alpine White S028 – sliding decorative panels and slatted shutters | [www.himacs.eu](http://www.himacs.eu)

### **Dimensions:**

Custom-made panels: 85 x 360 cm, also available in standard versions

Slatted shutters: 85 x 215 cm

**Photos:** Panels © Denis Bibbal – [www.artgrafik.fr](http://www.artgrafik.fr) | Slatted shutters © Paul-Edouard Karaffa

## 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).

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