

“This Way and No Other”

Hospitality entrepreneur relies on durable materials in his private home – with innovative materials such as Dekton®

After many years in hotel construction, the contractor actually wanted to slowly retire. But like many entrepreneurs: When they have an idea, they want to make it a reality. So, he built his wife and himself a low-energy house in the south of Innsbruck with a wide panoramic view of the Alps. Thereby, he relied on an efficient modular construction using wood and a ventilated curtain façade made of Dekton® by Cosentino.

Innsbruck (Austria)/Munich (Germany), November 14, 2022 - The building plot is located on the green outskirts of Vill, with about 500 inhabitants the smallest district of Innsbruck. The house was to meet the low-energy standard, which in Austria corresponds to a heating requirement of no more than 50 kWh/(m²·a). "This requires a highly insulating building envelope," says the building owner. "We chose the very efficient modular construction method with renewable, domestic wood. It's sustainable, ensures local added value at fair prices, and allowed us a very short construction time."

Curtain wall with bonded Dekton® panels

The curtain-type rear-ventilated facade should not only be visually appealing, but also uncomplicated and require as little maintenance and cleaning as possible in the long term. That's why the client turned to Martin Hubmann of KAMA-Steinprojekte. "Instead of natural stone, we recommended Dekton because it gives you the opportunity to work with large-format and at the same time thinner slabs. It looks super and at the same time brings less weight. The façade can even be bonded, making it much faster to install than a suspended natural stone façade."

The client already knew the ultra-compact surface from hotel projects. The material consists of 100% natural minerals - compacted and sintered, carbon-neutral over the entire product life cycle. As a façade cladding, however, Dekton® was still new to him. KAMA-Steinprojekte showed him an extension in wood modular construction with bonded ceramic panels. "We already worked with Innotec's façade bonding system about a decade ago. It is also approved for Dekton on substructures made of wood or aluminum." The customer was convinced and enthusiastic.

Precision right into the corners

Among the more than 50 designs available, two favorites were quickly found. The Cosentino Center in Munich provided large-format samples. "Dekton Danae matches the color of the limestone in the surrounding mountains and is a perfect fit for the natural stone we wanted to use for the building base and floors," says the client. Shortly thereafter, KAMA-Steinprojekte was commissioned to begin designing the façade in coordination with the architect from Geisler & Trimmel, precisely cutting the Dekton® panels with the waterjet cutter and putting the finishing touches on the edges.

The battens of the substructure received an impregnating bonding primer. Then KAMA attached a double-sided adhesive tape, which fixes the façade panels until the special glue applied in parallel hardens and installed the 0.8 cm thin and up to 260 cm x 90 cm large Dekton® panels. "Our aspiration is to work as perfectly as possible - especially with the joint pattern," says Martin Hubmann of KAMA-Steinprojekte. "We could have had it easier with smaller façade panels. But we wanted to approach it this way and no other way."

Investment in a peaceful future

The client is very proud of the building - as are Martin Hubmann and the team from KAMA. In total, an area of around 375 square meters was clad with Dekton® Danae. "I'd be pleased to see this example inspire more private customers to consider Dekton as a façade material," says the stone specialist. "A wood or plaster facade often seems more affordable. But you have follow-up efforts and costs," adds the building owner. "In the commercial property sector, you invest rather once and then have your peace of mind. And that's exactly what I also want as a private owner."

(4046 characters incl. blanks, 651 words)

Building board:

Completion: Shell 2020, façade 2021

Architecture & planning: [Geisler & Trimmel GmbH](#), Brixlegg, Austria

Façade construction: [KAMA GmbH Steinprojekte](#), Kolsass, Austria

Façade bonding: [Innotec® Project System](#), Kirchbichl, Austria

Façade cladding: [Dekton® Danae](#), Cosentino, Warngau, Germany

Kitchen countertop: [Silestone® Coral Clay](#), Cosentino, Warngau, Germany

Wall cladding bathroom and shower: [Silestone® Coral Clay](#), Cosentino, Warngau, Germany

Photos:

Fig. 1: Breathtaking panorama of the Alps: In the Austrian town of Vill, about 4 km south of the Tyrolean capital Innsbruck, stands the low-energy timber house with a ventilated curtain façade made of 0.8 cm thin Dekton® panels from Cosentino.



Fig. 2: The sand-colored facade made of Dekton® Danæe resembles the rocks of the surrounding mountains as well as the natural stone at the base of the building.



Fig. 3: Story-high facade elements allow the design of an almost monolithic building envelope with a perfectly balanced joint pattern.



Figs. 4, 5, 6: Maximum precision in cutting the panels is evident from the narrow joints and the exact cut-outs, for example for the roller shutter rails or window sills.



Figs. 7, 8, 9: At the corners of the building, the edges of the Dekton® panels were mitered.



Figs. 10, 11: Facing south: The kitchen and dining room directly adjoin the spacious terrace on the first floor.



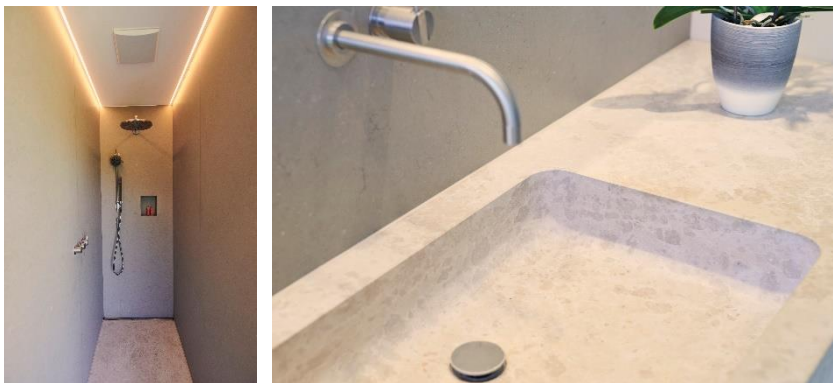
Figs. 12, 13, 14: The kitchen is equipped with a 2 cm thick countertop made of Silestone® Coral Clay from Cosentino with a matt suede texture. The edges are slightly chamfered. The hob and sink were installed flush with the surface.



Figs. 15, 16: A central fireplace warms the dining room and the adjoining living room with a cozy couch when needed.



Figs. 17, 18: An oak staircase leads to the upper floor with the bedrooms and the light-flooded bathroom.



Figs. 19, 20: The floor and the basin in the bathroom are made of natural stone. The walls are clad with Silestone® Coral Clay in 2 cm thickness.

Image source: mediashots for Cosentino.

Pictures in printable resolution: [Download ZIP](#) and <http://kunden.mediashots-space.de/XDGsFjdBjx> or via press.info@oha-communication.com.

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About Dekton®

Dekton® by Cosentino is an ultra-compact surface for the world of architecture and design. The material consists of up to 20 natural minerals, the chemical composition is completely inorganic. During the manufacturing process, Cosentino uses an exclusive technology that sinters mineral particles under high pressure to make them bond. This innovative process virtually controls and accelerates the metamorphic processes involved in the formation of natural stone.

Dekton® is characterized by outstanding technical properties: The material is fireproof, scratch- and stain-resistant. It absorbs very little water and is therefore not only particularly dimensionally stable, but also resistant to cold, heat and thermal shock. In addition, Dekton® is characterized by outstanding UV and color stability – the material is available in more than 50 different designs and textures, customized designs can also be realized.

Dekton® is able to reproduce any type of material at a high quality level. It is produced in large-format slabs (up to 320 cm x 144 cm) in five different thicknesses (0.4 cm, 0.8 cm, 1.2 cm, 2 cm and 3 cm) and is suitable as a surface for a wide range of interior and exterior applications (facades, floors, paneling, worktops, sinks, etc.)

As part of the commitment to sustainability and a circular economy, various Dekton® colors are produced with recycled materials from the product's manufacturing process. In 2016, Cosentino received an Environmental Product Declaration (EPD) for Dekton®. www.dekton.com

About Cosentino

Cosentino Group is a family business from Spain that operates worldwide, producing and distributing high quality and innovative surfaces for the world of design and architecture. In close collaboration with customers and partners, design solutions of high value are created that are an inspiration in the lives of many people. This goal is achieved with pioneering and top brands in their respective segments such as Silestone®, Dekton® or Sensa by Cosentino® - technologically advanced surfaces that enable the creation of unique environments and designs for private and public spaces. www.cosentino.com

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