

TINY **H**OUSE NEOLITH



NEOLITH

This wonderful project has been possible thanks to the following Partners:







CONCEPT

TINY HOUSE ^{NEOLITH}

Neolith Tiny House on wheels is a fully functional rolling tiny house clad fully with Neolith on the indoors and outdoors and composed of 2 separate units that complement each other.

As an industry pioneer -creating a never-before-seen surfacing material- **Neolith by TheSize** is no stranger to innovation. When embarking on an initiative to demonstrate the brand's pioneering spirit and unique product applications, **Neolith** turned to the tiny home movement.

The tiny movement is a growing concept around the world; it is about living responsibly without sacrificing. The **Neolith Tiny House** demonstrates these ideals, which perfectly align with the sintered stone brand as a luxury, yet lightweight and sustainably manufactured product.

The **Neolith Tiny House**, designed as an experiential home, shows the possibilities of the surfacing material in a variety of applications, including the facade, wall cladding, flooring, countertops and roof deck in one tiny project.

When it comes to a tiny house, especially one that will travel cross-country, weight and durability are major factors. **Neolith** slabs are thin and therefore very light, will not fade or crack from constant UV exposure or temperature swings, and are virtually indestructible, ideal for a tiny house on the move.

Committed to the environment and sustainable practices, which go hand-in-hand with tiny living, **Neolith** is 100% recyclable, natural and resin-free composed of raw materials – clays, feldspar, silica and natural mineral oxides.

To complete the tiny house, **Neolith** collaborated with **Stone Center**, the leading distributor of natural stone in Georgia, and many other prominent brands, such as **Miele**, **Sub-Zero Wolf**, **TOTO**, and more.

As a leading global manufacturer of sintered stones, **Neolith** is pushing the boundaries of how people live for tomorrow.

Exterior Ventilated Facade:
Basalt Black Satin, **Calacatta Gold Polished**
and **Iron Frost Satin**, 6 mm+





PARTNERS

STONE CENTER

GRANITE QUARTZ NEOLITH NATURAL STONE VERAZZO

When visiting the showroom at Stone Center, the leading distributor of exotic stone in Atlanta, Georgia, customers expect to find a variety of surfacing choices for kitchen, bathroom and living space applications. However, the Stone Center team sought to provide a new, unexpected shopping experience to attract visitors and show unique design capabilities. In order to do so, the team turned to a tiny house.

“We wanted to express our innovative spirit, and thought that building a tiny house using the materials we sell was a perfect way to do so; not to mention, it provides a fun way to shop,” said Renata Diniz, VP of Stone Center - “However, we are also familiar with the limitations of natural stone, from weight issues to the maintenance it requires, so we knew we needed an alternative for a tiny house on the move.”

Stone Center selected Neolith to outfit all of the surfacing areas of this 500 square-foot luxury custom tiny house. The sintered compact surfacing material is 100 percent natural and is a more durable, lighter weight alternative to granite or others stones, with limitless possibilities.

“We have worked with Neolith for several years and wanted to show customers the versatility of the product, so this was a perfect partnership,” said Diniz . “Now if a customer is unsure about using an alternative to natural stone in applications beyond countertops, they don’t just have to take our word for it, we can show them through the tiny house.”

As the luxury market evolves, Stone Center and Neolith are revolutionizing the way high-performance surfacing materials can be applied, no matter the size of the project.

Flooring:

Strata Argentum Riverwashed, 6mm

Walls:

Iron Frost Satin, 6mm

Island and Countertop:

Estuario Polished, 12mm

PARTNERS

JEFFREY BRUCE BAKER
INTERIOR DESIGN | FURNISHINGS | ARCHITECTURE

Jeffrey Bruce Baker Designs is a full service architecture, interior design and furnishings firm that specializes in luxury residential, restaurant and hospitality projects.

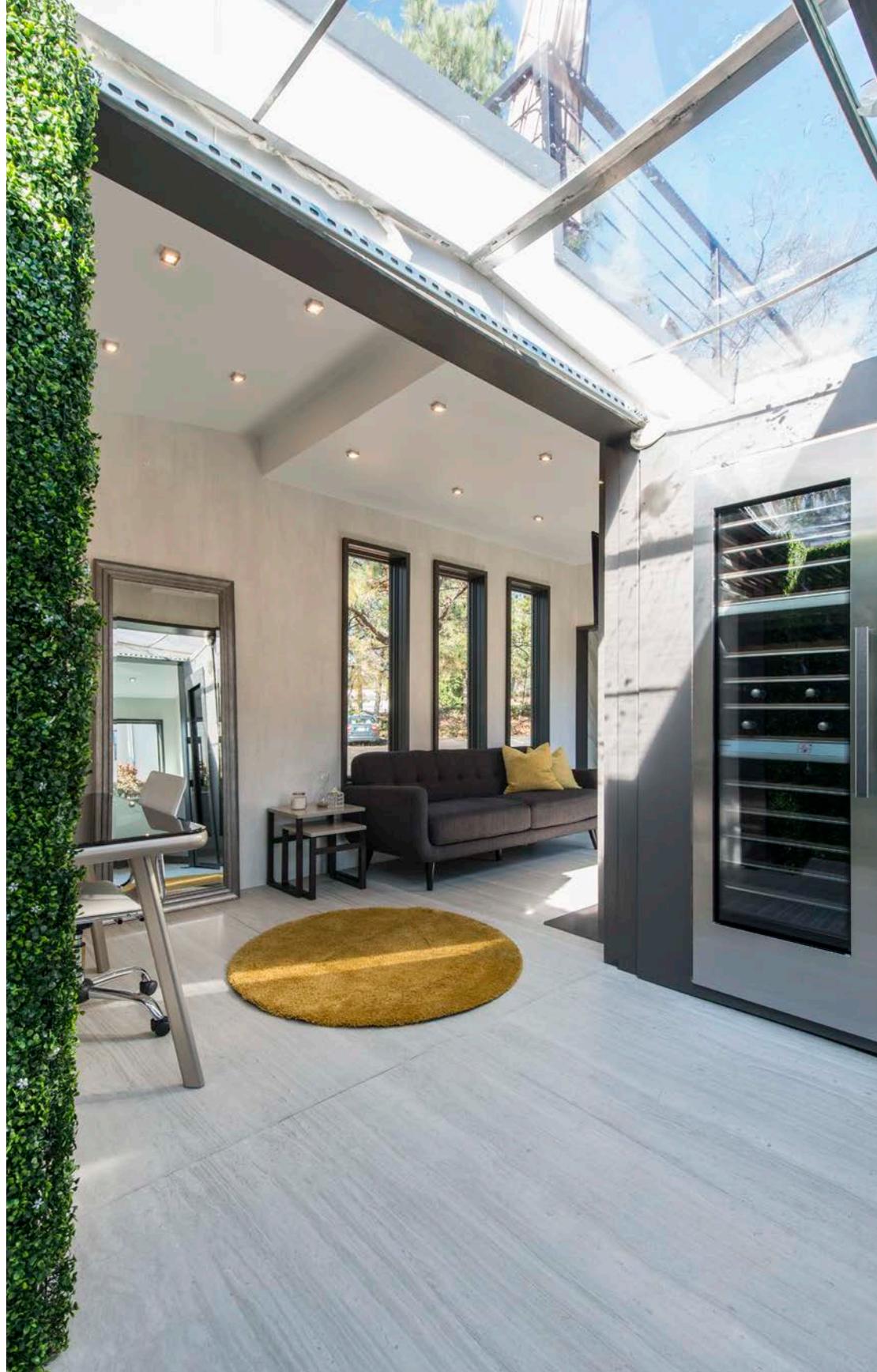
Like many, the team at Jeffrey Bruce Baker Designs was intrigued by the idea and efficiency of the tiny house movement - focusing on the most essential needs of a space in order to live well. From an architectural perspective, the firm was particularly interested in the challenge of designing a well-planned small space with all of the same solutions that larger custom homes offer, including beautiful living areas, luxury, advanced organization and functionality.

When designing the tiny house, the team researched a series of studies exploring how small spaces can be arranged to maximize the living area. Form, function, proportion and material expression were paramount to this project. With this in mind, the designers wanted to think outside the (metal) box and create several types and scales of indoor and outdoor living spaces.

The resulting design is meant to show the scale and versatility of product applications, highlight revolutionary materials such as Neolith, and use an innovative approach to working with transportable forms.

Flooring:
Strata Argentum Riverwashed, 6mm
Walls:
Iron Frost Satin, 6mm

NEOLITH





Flooring:
Strata Argentum Riverwashed, 6mm
Walls:
Iron Frost Satin, 6mm
Fireplace:
Steel Marengo Shine Silk, 6mm





PARTNERS



In a quest to get marketers thinking differently about how they present their companies at trade shows and other exhibitions, Atlanta-based firm Resende Design and Marketing (RDM) had a vision to create an unforgettable product experience. Together with the team at Stone Center & Neolith North America, RDM created the idea of a Neolith Tiny House. The tiny house is a way to not only show the product's versatility, but to also give customers a real-life understanding of how Neolith can be used anywhere.

"One of the motivations in creating the tiny house was to send a message to consumers and companies that bigger is not always better," said Claudia Resende, owner, Resende Design and Marketing. "It is not about having the biggest house in the neighborhood or the biggest booth and the best location at trade shows. It's about creating an experience and connecting with consumers through something unique that people are actually excited to see."

RDM's goal was to thoughtfully design each room and each facet of the house with luxurious details. The process began with incorporating different designs and applications of Neolith throughout the home - inside and out - and finishing it with high-end features and fixtures that complement the Neolith brand. The home was also designed in a minimalist style that incorporates up-and-coming trends & products in the U.S. market.

"Even though this is a 'tiny house,' it does not feel small in any way; we have 9-foot ceilings, full-size appliances, 2 bathrooms, fireplace, a fully-equipped outdoor kitchen and much more," said Resende. "We have not sacrificed anything that you would find in a full size home."

RDM and Neolith are pushing the boundaries of luxury home design, while showing other companies, designers and consumers what's possible in experiential exhibition spaces.

Flooring:

Strata Argentum Riverwashed, 6mm

Walls:

Iron Frost Satin, 6mm

Island and Countertop:

Estuario Polished, 12mm



PARTNERS

Miele

For many years, the standard dream kitchen has been defined as an expansive showplace occupied by shiny professional sized appliances. However, with the emergence of the tiny home trend, the dream kitchen is being redefined.

Miele has partnered with Neolith's Tiny House to demonstrate how the same luxury, quality and performance found in large family-style kitchens can be reflected in smaller appliances.

Miele's collection of space-saving appliances have been seamlessly integrated into Neolith's Tiny House.

The 24" combi-steam oven provides perfect cooking, roasting and baking results with unlimited combinations, while the 18" Dimension Slimline dishwasher can accommodate up to nine place settings. The 24" induction cooktop is compact yet versatile, offering cooking zones that can accommodate a wide variety of cookware. Miele's 24" Wine Storage Unit will keep up to 102 bottles of vino in three separate cooling zones, ensuring each is kept at the perfect temperature.

Miele is excited to participate in Neolith's Tiny House, finding that the luxury market is changing and the demand for high-end appliances in small spaces is on the rise in many regions of the U.S. With Miele, there is never a need to compromise quality for size.

Flooring:

Strata Argentum Riverwashed, 6mm

Walls:

Iron Frost Satin, 6mm

Island and Countertop:

Estuuario Polished, 12mm



Details of the Kitchen in the Tiny House

PARTNERS

TOTO®

Today's bathroom trends center on comfortable, relaxing retreats with spa-like amenities. While many may associate these features with large, spacious rooms, TOTO – the official plumbing product manufacturer of the Neolith Tiny House – is showing the world that going tiny doesn't have to mean giving up luxury and comfort in bathroom design.

Touted for People First Innovation, TOTO has joined the movement to show that their design aesthetic and product development principles are a perfect fit for the tiny living philosophy. Aligning with the movement, TOTO focuses on efficiency, simplicity and of course, beauty. TOTO products and technologies give homeowners comfort, reliability and elegance in any sized space.

The Neolith Tiny House is complete with two bathrooms, the master and the guest. The master bath features the TOTO Neorest 550H toilet complete with a heated seat, built-in bidet system and choice of an efficient 1.0 or 0.8 gallon per flush. This is paired with an ultra-modern Kiwami Renesse lavatory faucet and a slim Villeroy & Boch washbasin and vanity, which is wall-mounted to save space. The shower includes an Upton rain showerhead and luxurious Gyrostream body sprays with rotating heads.

In the guest bath, there is the space saving TOTO Aquia Wall-Hung Toilet that takes up less floor space, gives the bathroom a more open feel, and is easier to clean. The Wall-Hung Lavatory and Kiwami Renesse faucet, shower, complete the guest bath for a sleek European feel.





Flooring:
Strata Argentum Riverwashed, 6mm
Walls:
La Bohème B01 Natural Honed, 6mm
Shower Tray and Shower Flooring:
Barro Satin, 6mm





PARTNERS



Going hand-in-hand with the trend of outdoor living is the increased desire for outdoor eating spaces. But when it comes to going tiny, many people may believe they have to sacrifice stylish and functional outdoor dining spaces. In partnership with Wolf appliances, the team behind the Neolith Tiny House dispels that belief by creating a tiny house back patio to show the possibilities in tiny home dining, al fresco style.

Wolf has revolutionized the outdoor eating experience with its precise heat control on its outdoor grills.

No matter what is on the menu, the delicious possibilities are endless. The OG36 is a 36-inch outdoor barbecue grill complete with four individually contained burners for independent heat control, including a sear zone to seal in juices, and even a two-position rotisserie system for succulent chicken or pork. Late-night dinner? Halogen lights illuminate the grilling surface, and the signature red control knobs are LED lit for easy reading.

Exterior Ventilated Facade:
Basalt Black Satin, Calacatta Gold Polished
and Iron Frost Satin, 6 mm+

PARTNERS



Family owned, Atlanta-based Bell Kitchen & Bath Studios have pushed the boundaries of form and function for more than 60 years. Known for expert design ranging from traditional to modern, each project is transformed with details that are built for life and luxury.

Michael Bell, owner of Bell Kitchen & Bath Studios, was intrigued by the idea of a tiny house. "We have seen and worked on many projects, but we have never worked on a tiny house or a kitchen quite this small," said Bell. "We wanted to challenge ourselves and think outside the box to deliver full size kitchen amenities on a tiny scale. While I can't say we have seen it all, we can confidently say, we can work on any size project."

When designing a tiny house, each room needs to be multifunctional, and Mr. Bell knew material selection was just as important as the layout. The material had to be hardwearing and long lasting. The team has worked with Neolith in the past, and knew the characteristics of the material were perfect for the project.

"We take pride in every project that we work on and ensure the highest quality, productivity and value. In a tiny house our craftsmanship is on display even more so and every detail counts".

Walls:
La Bohème B01 Natural Honed, 6mm
Vanity Top:
Barro Satin, 12mm
Next page, Flooring:
Strata Argentum Riverwashed, 6mm
Next page, Wall Cladding:
Iron Frost Satin, 6mm

NEOLITH









PARTNERS



Dedicated to quality and success, Williams Tile and Marble Co. was a perfect partner for the labor and installation of the Neolith Tiny House. In the industry for many years, Greg Sweetin, president and owner of Williams Tiles & Stone, was captivated by the tiny home movement, but had yet to get involved on a tiny house project.

When building a tiny house, Mr. Sweetin knew two things were imperative: the material had to be lightweight and had to be extremely durable. The team at Williams Tile and Marble Co., has worked with Neolith in the past, and therefore signed on to the project without hesitation, knowing that the product would meet those requirements.

Walls:
Calacatta Gold Silk Bookmatch, 6mm
Shower:
Basalt Black Satin, 6mm
Flooring:
Strata Argentum Riverwashed, 6mm

PARTNERS



With attention to detail, Atlanta Stone Creations uses their technical abilities to bring beautiful designs to life. Recognized as one of the top suppliers and fabricators in Atlanta, Georgia, the company is highly skilled in residential applications of Neolith surfacing and natural stone, but had yet to work on a project this small.

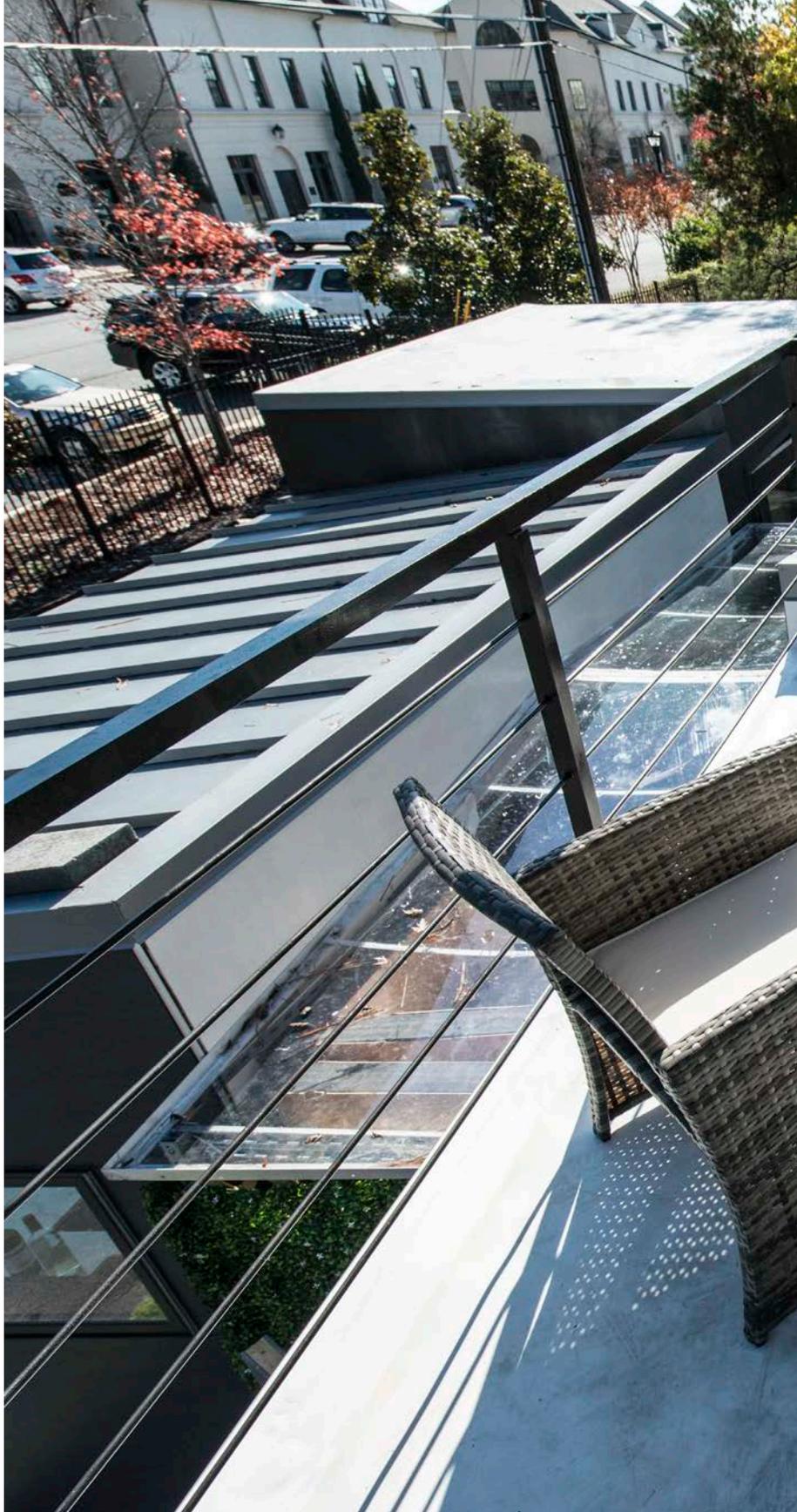
“We approach every project with a unique perspective and individual challenge,” said Leo Carvalho, President Atlanta Stone Creations. “In building a tiny house, the devil is in the details and smaller surfaces present greater possibilities for error, so fabrication and proper installation is crucial. The Neolith Tiny House project was a fantastic opportunity and great experience to show our expertise and showcase our craft.”

Building on this expertise, Atlanta Stone Creations was the ideal partner to fabricate the Neolith island, countertops, fireplace, bathroom vanity and sink. Using state-of-the-art machinery, the artisans at Atlanta Stone Creations used a unique fabrication treatment on the kitchen perimeter. Best of all, the team was able to complete the project in record time.

“We received many compliments about the three-quarter mitered edge treatment, which visitors perceived as a full body material,” said Mr. Carvalho. “The entire project was an inspiring design using new age materials in a dynamic setting. Neolith is a great high performance material to use, and will last for years to come.”

Flooring:
Beton Silk, 6mm

NEOLITH









PARTNERS



Recognized around the world as the innovation and performance leader in set mortar and grout technology, ARDEX Tile & Stone Installation was a vital partner for the Neolith Tiny House. To ensure Neolith panels perform properly, installation is an important part in the process. ARDEX offers systems that cover key steps in the process, from ensuring the surface is flat and smooth, to waterproofing and more. ARDEX guarantees successful large panel installation, reducing time, costs and risks.

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The MICROTEC technology introduces microfiber reinforcement, allowing for a stronger, more flexible bonding layer. For waterproofing, ARDEX installed two coats of ARDEX 8+9™ Rapid Waterproofing and Crack Isolation Compound, which not only waterproofs the structure, it also serves as a membrane that will help absorb excess movement, as the building and panels have a tendency to expand and contract during normal thermal cycling conditions.

To finish the project, ARDEX SX™ 100% Silicone Sealant was applied to all open grout joints. Due to exterior conditions and thermal cycling, the flexible sealant serves as an extra layer of protection against movement caused by expansion and contraction within the system.

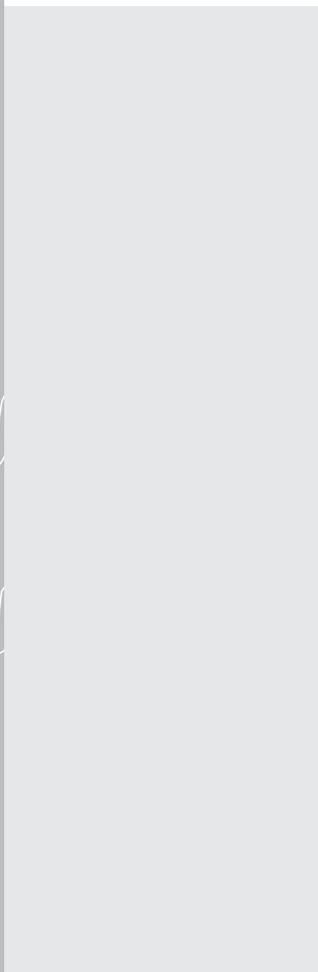


Exterior Ventilated Facade:
Basalt Black Satin and Iron Frost Satin, 6 mm+



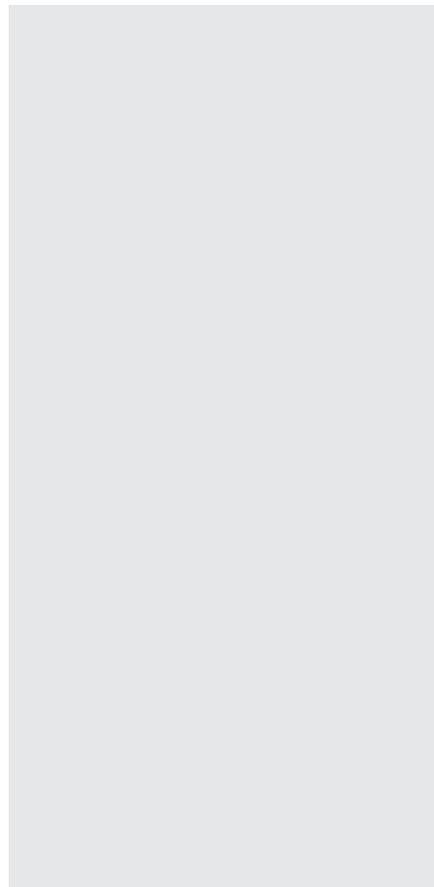
NEOLITH FORMATS

SLAB FORMATS



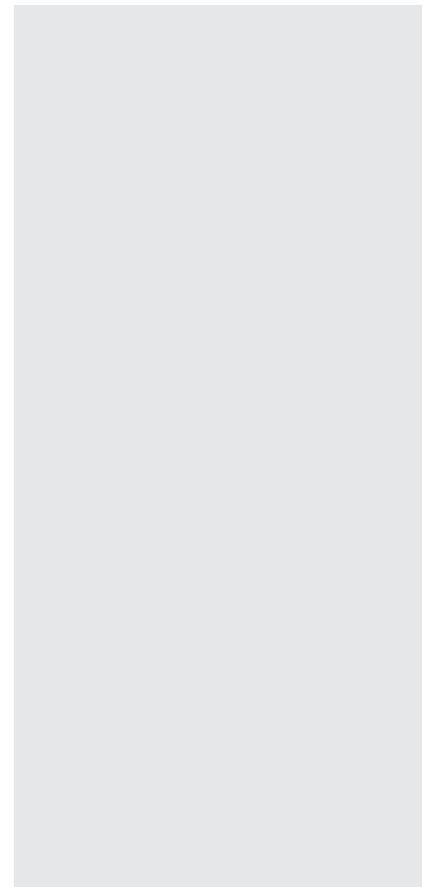
3.600x1.200 mm / 142"x48"

* Only in 3 and 6 mm (1/8" and 1/4")



3.200x1.600 mm / 125"x64"

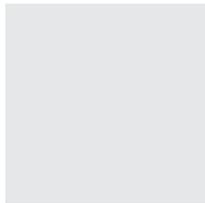
* Only in 12 and 20 mm (1/2" and 3/4")



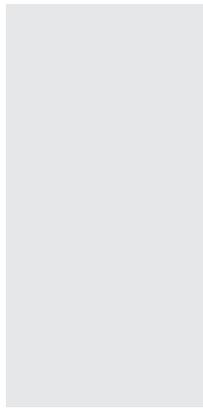
3.200x1.500 mm / 125"x60"

* Only in 6 mm (1/4")

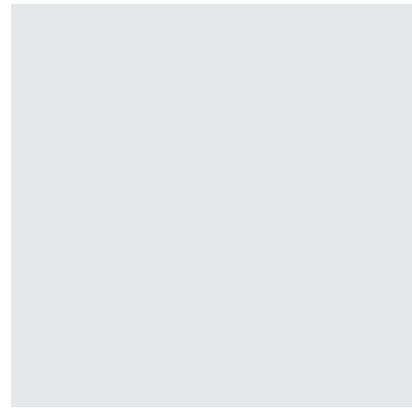
TILE FORMATS



750x750 mm / 30"x30"



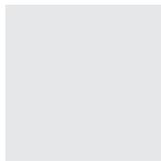
1.500x750 mm / 60"x30"



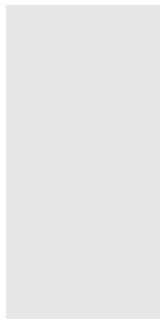
1.500x1.500 mm / 60"x60"



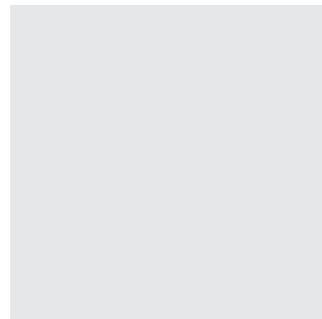
600x300 mm
24"x12"



600x600 mm / 24"x24"



1.200x600 mm / 48"x24"



1.200x1.200 mm / 48"x48"

NEOLITH FINISHES



SATIN

Completely matte finish. Highly resistant and ideal for commercial applications.



SILK

Matte finish with a thin layer of glaze that provides a subtle shine and a nice soft touch. Surface finish that results extremely easy to clean.



RIVERWASHED

Finish with a rough texture and relief that evokes sensations to the touch.



NATURAL HONED

Honed texture typical of natural stones: flat, soft, without any glossiness and completely matte.



DÉCOR POLISHED

The Décor Polished confers a perfect linear reflection to the colors of the Classtone Collection which gains in depth and elegance.



NANOTECH POLISHED

With a high level of gloss, the Nanotech Polished confers a more sophisticated look to the Colorfeel Collection.

TECHNICAL FEATURES

Only 7 kg/m ² (1.4 lb/sqft) in the 3 mm slab and 30 kg/m ² (6.14 lb/sqft) in the 12 mm slab.		LIGHTWEIGHT
Waterproof and resistant to liquids, with an absorption level of almost zero.		WATERPROOF
Its hard surface makes it resistant to scratches and abrasion.		RESISTANT TO SCRATCHES
It does not burn in contact with fire nor does it emit smoke or toxic substances when subjected to high temperatures.		RESISTANT TO HIGH TEMPERATURES
Resistant to any kind of chemical cleaning agent such as bleach or ammonia.		EASY TO CLEAN
It has a high shear rate, making it resistant to heavy loads and pressure.		RESISTANT TO BENDING
It does not give off any substances that are harmful to the environment.		100% NATURAL
Up to 52% of recycled content. 100% Recyclable.		RECYCLABLE
It does not give off any harmful substances and is totally suitable for contact with food. NSF Certified.		HYGIENIC
Being 100% natural, its colors do not fade away when being exposed to sun light or other extreme weather conditions.		RESISTANT TO UV RAYS

TINYHOUSE^{NEOLITH}

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SURFACES

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