

PHI BY
AUREA
STONE

EUROPE



Made with

CRYSTALLINE
SILICA
Free

materials

Throughout the centuries, there has been a number that has sparked the curiosity and fascination of philosophers, mathematicians, astronomers, and even artists from all eras. Since ancient Greece, this number has been linked to the mathematical expression of beauty, understood as proportionality.

The number Phi, also known as the Golden Ratio or the Divine Proportion is a ratio between two numbers that equals approximately 1.618 and it is considered the numerical representation of excellence.

The Golden Ratio gained fame among mathematicians and artists, as it is a number naturally pleasing to the eye. Many renowned artists throughout history incorporate it into their masterpieces, such as Leonardo Da Vinci in the Mona Lisa and Michelangelo in David.

However, it is not confined merely to geometry or the arts. In the arrangement of rose petals, the veins in the leaves of certain trees, or the shells of some mollusks, nature replicates this ratio repeatedly and it is also present in the human body and galaxies.

Now, Aurea Stone is proud to introduce Phi, the ultimate Recycled Glass Surface: a symbol of beauty and perfection. Its avant-garde material is manufactured through advanced and sophisticated technology which brings crystalline silica free surfaces with full-body veining and unparalleled appearance. Additionally, it features an innovative Nano-Ink printing technology, resulting in 4D surfaces with an incredibly realistic look that mirrors natural stone.

Phi offers an eclectic selection of patterns that will satisfy the most classic demands, with marble-like designs where the veins take center stage, as well as more modern options where the backgrounds stand out with a unique character, featuring subtle veins but equally rich in nuances.

The final product presents itself with a superior visual depth and sharpness in every pattern, reflected in realistic veins and bright and stable colors. Our slabs perform the highest translucency, brightness, and light reflection of any stone available in the market.

A whole new universe of virtuosity and perfection unfolds before the eyes.

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A new dimension has been revealed

THE INFINITE EXCELLENCE OF RECYCLED GLASS SURFACES

In the 13th century, an Italian mathematician nicknamed Fibonacci stumbled upon a numerical sequence that had a close connection to the golden number. By dividing any of the numbers in the Fibonacci sequence by its predecessor, the result approached the divine figure significantly, though not reaching it exactly, as Phi is, by definition, "an infinite and unique number." Like that divine sequence, PHI by Aurea Stone has found **the formula** that brings it extraordinarily close to perfection.

Empowered by Zero by Aurea Stone, **Recycled Glass Surfaces** completely **eliminates crystalline silica** from its composition, reinforcing Aurea Stone's commitment to a safer and more environmentally friendly industry. Additionally, it is the only material that combines fullbody with patented printing technology to offer a surface with an extraordinary 4D effect, matching the appearance of natural stones.

The innovative Phi 4R+ Fullbody technology delivers a very high-end surface with an environmentally friendly formulation, translucency equivalent to real marble, unparalleled appearance, and a fullbody performance, running through the slab's body.

This results in surfaces being further perfected, opening up to an entirely new path: a fourth dimension filled with motion and realism. The industry's central goal after the advent of printing materializes in **Recycled Glass Surfaces** and only Phi by Aurea Stone has been able to achieve this milestone, while also becoming, alongside Zero S, the only product to offer a material that maintains the high aesthetic standards of traditional engineered stone but is completely free from crystalline silica in its composition.

RECYCLED
GLASS
SURFACES

Technology had never come so far

PHI 4R+ FULLBODY: 0% CRYSTALLINE SILICA MATERIALS + FULL BODY + EASE OF FABRICATION

The manufacturing process of Recycled Glass Surfaces is carried out through the exclusive **Phi 4R+ Fullbody** cutting-edge technology. An enhanced version of its predecessor, PHI 4R+, that provides surfaces with an unparalleled appearance, easy workability, and free from crystalline silica content.

After a high hybrid process, Phi slabs reveal a translucency equivalent to real marble and an impressive visual depth, featuring unmatched white backgrounds. Without visible grains in the particulate and a high light reflection, Phi countertops are visibly smooth and bright, with patterns and veins achieving exquisite sharpness and realism. Nothing compares to Recycled Glass Surfaces as it reaches the zenith of excellence in the engineered stone industry.

Additionally, **Phi 4R+ Fullbody** technology achieves a full-body performance of the slabs, authentically replicating the appearance of natural stones. This significantly simplifies the manufacturing process: the color and pattern run through the entire thickness of the slabs, allowing for flawless edge finishes without the need for mitering.

Phi Recycled Glass Surfaces results in a non-porous material with lower water and stain absorption, great durability, and a high resistance for scratches. Its fabrication process requires no changes in processing techniques when compared to traditional quartz surfacing. No changes in cutting techniques, consumable tooling, adhesives or handling of the material.

THE 4R+ FORMULA

This ultimate **Phi 4R+ Fullbody** technology is based in four major pillars: Reduce, Recycle, Reuse, and Respect.

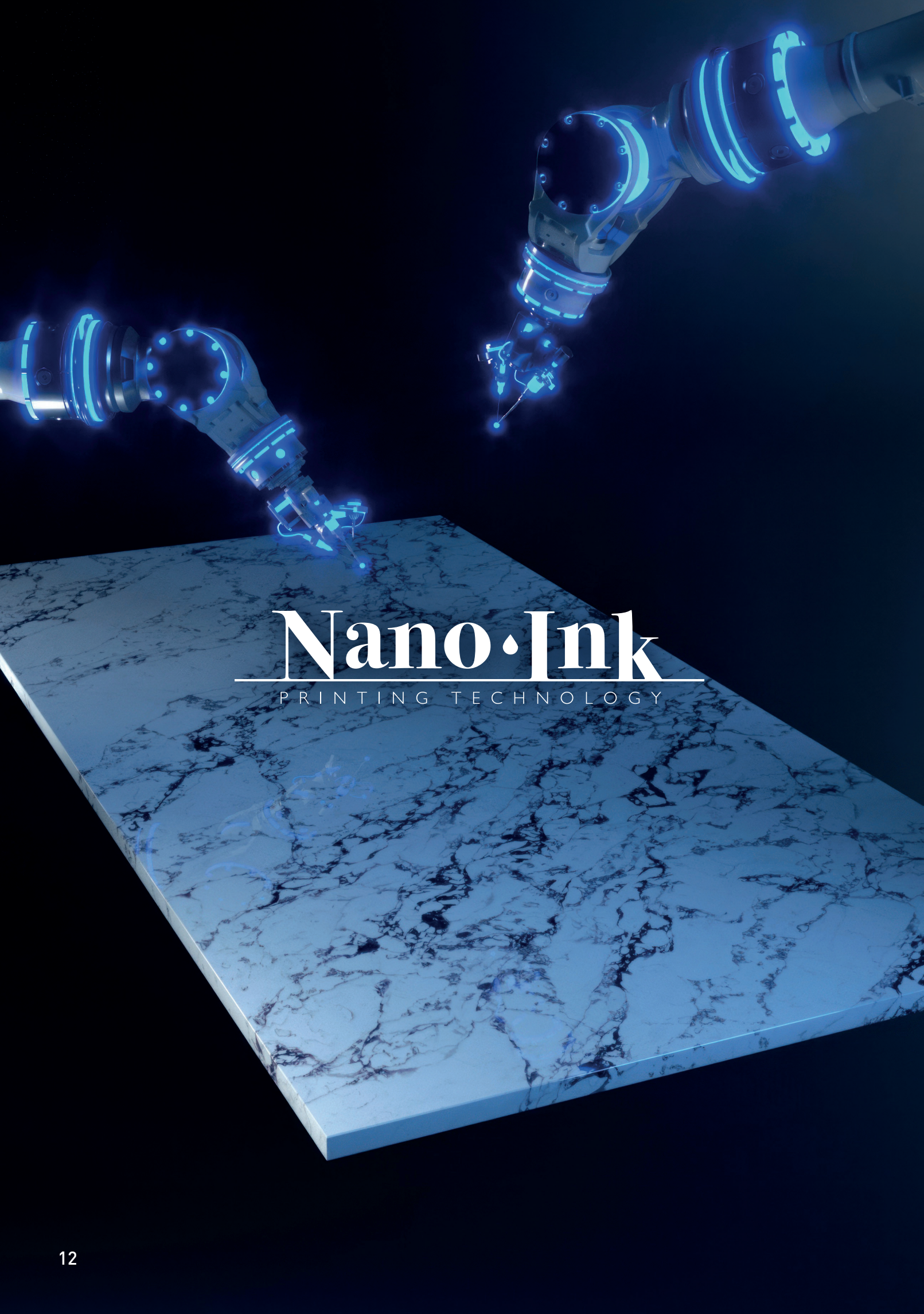
REMOVE. The Phi 4R+ Fullbody technology eliminates the crystalline silica content from the slabs, ensuring a 100% safe fabrication and handling process.

RECYCLE. Phi Recycled Glass Surfaces are composed predominantly of recycled materials, such as glass, and resins. By reducing the use of raw materials, the carbon footprint generated during the material production process is significantly smaller.

REUSE. Phi 4R+ Fullbody technology reuses nearly 100% of the water required in the slab manufacturing process. Moreover, it contributes to keeping rivers and oceans clean and **preserving** their biodiversity by achieving a zero-water discharge.

RESPECT. A more sustainable and respectful manufacturing process is possible with Phi 4R+ Fullbody thanks to the use of recycled materials, the elimination of crystalline silica, the harnessing of water, and the waste management.





Nano·Ink

PRINTING TECHNOLOGY

A revolutionary way of printing

NANO INK TECHNOLOGY

Phi Recycled Glass Surfaces reaches a milestone in the stone sector as the first surface with a hybrid pattern transfer system. On one hand, the full-body performance achieved during the pressing process of the slabs, and subsequently, the generated patterns printed on the surface through the exclusive **Nano-Ink Technology** that give the slab a new and revolutionary fourth dimension.

TECHNICAL FEATURES



True Natural Beauty

Amazing light reflection, color brightness and high definition in every pattern create realistic details for a natural appearance.



Eternal color

Color remains unchanged and stable over time without losing intensity. Better light reflection, brightness and clarity in colors than any other engineered stone available. Non-yellowing white backgrounds.



Depth And Translucency

Supreme authenticity in appearance without compromise. Thanks to an even purer translucency, it provides each pattern with a deeper visual strength.



High-Definition Print

Unsurpassable high-definition sharpness of print with neat lines, which are clear and impeccably delineated. Deep visual strength in each pattern.

neos

REPEL THE UNWELCOME

Anti-Stain lifetime warranty

NEOS, REPEL THE UNWELCOME

Nano Enhancement of Surfaces (NEOS) is a high-performance stain and substance repellent technology developed by our engineers to keep your surfaces clean with minimum maintenance.

Invisible to the naked eye, **NEOS** has been formulated to produce a hybrid protectant with physical characteristics that resist staining, keeps surfaces clean and guards them against everyday wear and tear. With **NEOS**, Phi Recycled Glass Surfaces are safely protected against most common household chemicals.



Easy
Maintenance



Stain
Resistant



Durable



Food
Safe



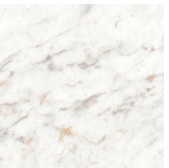
Chemical
Resistant

Phi Recycled Glass Surfaces hybrid composition based on high-quality minerals, and recycled materials enhance the surfaces stain and scratch resistance, making daily maintenance and cleaning easy.

NEOS Technology is designed to add an extra layer of protection. Its permanent bond lasts forever, making Phi surfaces the most durable product in the industry.



Colors

				
Pristine AU73009	Pinnacle AU73016	Palace AU71092	Prestige AU71091	Kelt AU71158
18 19	20 21	22 23	24 25	26 27



Pristine

AU73009



Pristine

AU73009

FINISH
Polished / Matt

SIZE
3200 x 1600 mm

THICKNESS
20 mm

BOOKMATCHED
Yes

A creamy background takes center stage in this mesmerizing proposal. Delicate waves in toasted tones fade with the movement creating distinctive texture and a luxurious appearance. Pristine will add warmth and a sophisticated touch to any interior.



Pinnacle
AU73016

FINISH
Matt

SIZE
3200 x 1600 mm

THICKNESS
20 mm

BOOKMATCHED
Yes

With a striped structure in toasted and warm tones, Pinnacle gives a classy, sophisticated look to any application. Delicate veins resembling small capillaries add texture and depth to the slab. Modernity and classical beauty blend seamlessly in this versatile design with a unique charm.



Pinnacle
AU73016



Palace

AU71092



Palace

AU71092

FINISH
Polished

SIZE
3200 x 1600 mm

THICKNESS
20 mm

BOOKMATCHED
No

Majestic violet veins with hints of reddish tones stand out powerfully in this bold pattern while a pure white background adds contrast to the composition. This stunning design will leave no one indifferent. Its majestic aesthetic makes it the perfect pattern for extensive surfaces like an accent wall or a kitchen island.



Kelt

AU71158



Kelt
AU71158

FINISH
Polished

SIZE
3200 x 1600 mm

THICKNESS
20 mm

BOOKMATCHED
Yes

An infinity of pencil veins creates geometrical structures that remind of small, translucent crystals against a snowy white base. Gray, beige and even copper accents seamlessly blend together to create this mesmerizing vision. A vibrant proposal for those craving for a bold yet sophisticated design.





Prestige
AU71091



Prestige
AU71091

FINISH
Polished

SIZE
3200 x 1600 mm

THICKNESS
20 mm

BOOKMATCHED
Yes

Streams in delicate earth tones gracefully flow across a luminous white surface. With exquisite taste, Prestige captivates the senses with its fine veins and its unique charm, providing a simple yet elegant design, where less is more.



A more promising future starts here

BETTER PRODUCT, BETTER HEALTH, BETTER WORLD

Phi by Aurea Stone's commitment to a better future materializes in a formula that is more respectful with the environment and the communities. It results in less waste ending up in landfills and a lower carbon footprint in the production of the finished product.



In addition to this, **PHI by Aurea Stone eliminates the crystalline silica** content in all the slabs, creating thePeople's health and safety are our top priorities. Phi surfaces are entirely safe for customers, and their handling by workers is completely secure as long as appropriate measures are taken.



Our commitment is firm, our actions honest.

ENVIRONMENT PRODUCT DECLARATION

Phi by Aurea Stone demonstrates its dedication to assessing the ecological footprint of its products with the EPD certification.

The Environment Product Declaration provides a reliable, transparent and certifiable environmental profile and highlights environmentally friendly products based on life cycle assessments (LCA).

*Always corroborated by an approved independent verifier

www.fasastone.com

PHI

BY
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STONE

