

PHI BY
AUREA
STONE



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 surface: a symbol of beauty and perfection. Its avant-garde material is manufactured through advanced and sophisticated technology which brings very low silica 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 by Aurea Stone presents a selection of attractive and delicate patterns where subtle veins and rich nuances ebb and flow against backdrops of the purest white. Slabs with a superior visual depth and sharpness in every pattern, reflected in realistic veins and bright and stable colors.

The final product presents itself with the highest translucency, brightness, and better light reflection than any other stone available in the market.

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

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AUREA
STONE

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THROUGH · BODY · PERFORMANCE

T B P

A new dimension has been revealed

THE INFINITE EXCELLENCE OF **TBP** (THROUGH BODY PERFORMANCE)

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.

TBP is the only material on the market with a low silica content -less than 20%- featuring a full-body performance, and, at the same time, presenting sharp and well-defined patterns to the extent that it is challenging to discern whether it is a natural or an engineered stone.

This is due to the dual process that the slabs undergo before achieving the desired product. On one hand, the innovative Phi 4R Full-body technology delivers a very high-end surface with an environmentally friendly formulation, translucency equivalent to real marble, unparalleled appearance, and a full-body performance, with natural veins, color nuances, and patterns running through the slab's body.

On the other hand, innovative and exclusive Nano Ink technology injects ink up to 1 mm under the surface, providing remarkable color stability, unparalleled sharpness, and unprecedented visual depth. This results in surfaces being further perfected, opening up to an entirely new dimension: a fourth dimension filled with motion and realism.

After the advent of printing, this has been the industry's central goal. Only **Phi by Aurea Stone** has been able to achieve this milestone.



Technology had never come so far

PHI 4R FULLBODY: LOW SILICA CONTENT + FULL BODY + EASE OF FABRICATION

The manufacturing process of TBP 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 a low crystalline silica content.

After a high hybrid process, PHI slabs reveal a translucency equivalent to real marble and an impressive visual depth, with 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 Phi TBP as it reaches the zenith of excellence in the engineered stone industry.

Additionally, this technology achieves a full-body performance of the slabs, authentically replicating the 3D effect found in 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.

The **PHI 4R FULL-BODY** technology provides a non-porous material with lower water and stain absorption, great durability, and a high resistance for scratches. The fabrication process of Phi 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.

IMPROVED WITH THE 4R FORMULA

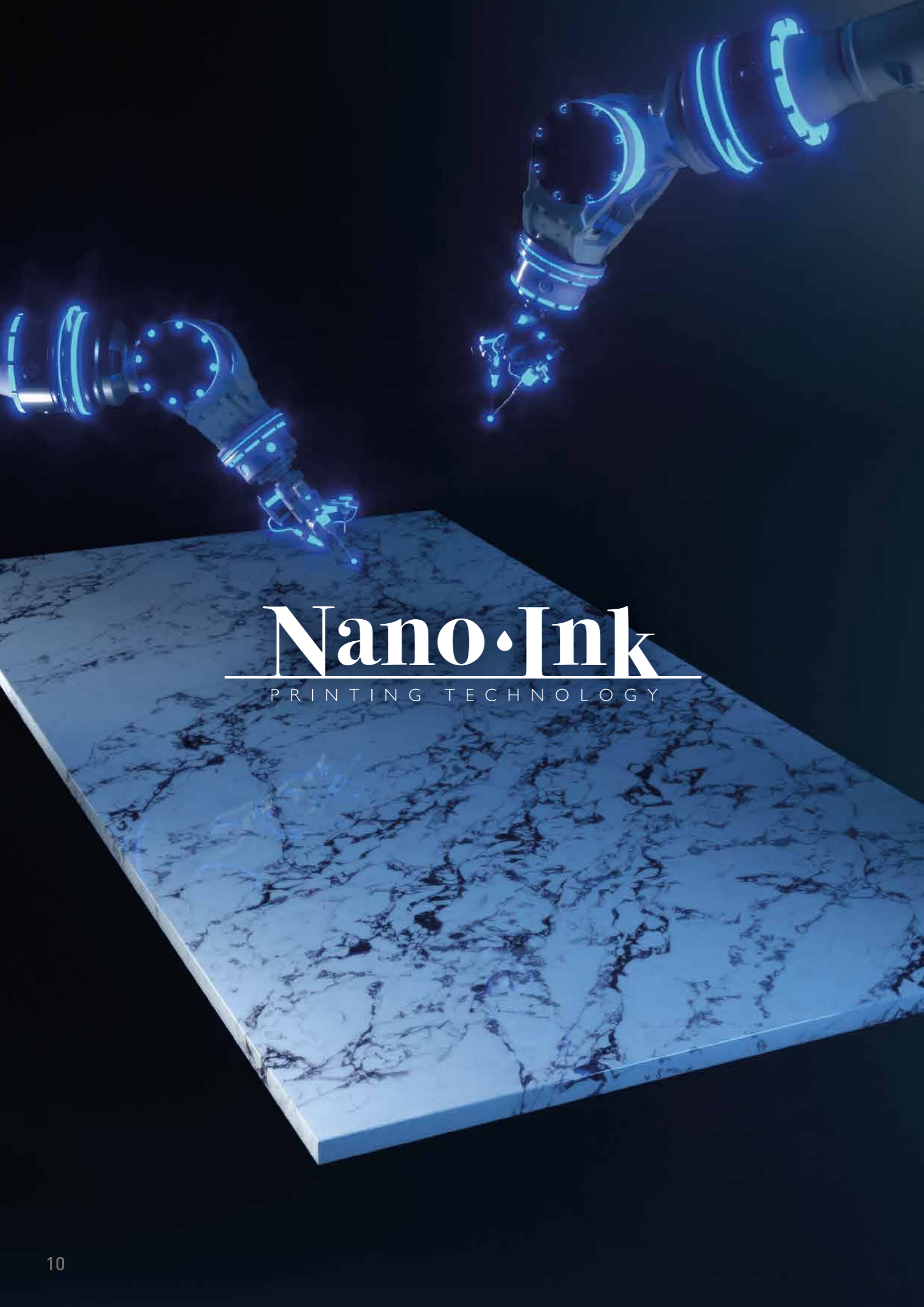
This ultimate **PHI 4R FULLBODY** technology is based in four major pillars: Reduce, Recycle, Reuse, and Respect.

REDUCE. The PHI 4R FULLBODY technology manufacturing process reduces the crystalline silica content in all the slabs to less than 20%. In comparison to traditional quartz surfacing, it is reduced up to 70%.

RECYCLE. PHI TBP surfaces include up to 70% of recycled materials such as glass and no more than 20% of premium quartz directly extracted from our quarries. 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 reduction of crystalline silica, the harnessing of water, and the waste management.



Nano·Ink

PRINTING TECHNOLOGY

A revolutionary way of printing

NANO INK TECHNOLOGY

PHI TBP 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.

Under high temperatures and pressures, **Nano-Ink Technology** penetrates the surface of PHI slabs, creating a four-dimensional effect and providing authenticity to the patterns. Preceding generations of engineered stones limited the pattern only to the top of the surface, while our unique and revolutionary technology injects the ink up to 1 mm into the surface, enhancing color stability, and providing increased scratch resistance.

TECHNICAL FEATURES



TRUE
NATURAL
BEAUTY

True Natural Beauty

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



INK
DEPTH

Ink Depth

Nano-INK technology injects the ink up to 1mm under the surface avoiding the drawbacks of printing a pattern that is limited to the top surface only. This drastically improves the stability of colors, creates a deep 4D effect, and provides better resistance to scratches.



ETERNAL
COLOR

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 &
TRANSLUCENCY

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

High-Definition Print

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



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 surfaces are safely protected against most common household chemicals.



Easy
Maintenance



Stain
Resistant



Durable



Food
Safe



Chemical
Resistant

Phi hybrid composition based on high-quality minerals, quartz 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

18

AU73009
Pristine



20
23

AU71092
Palace



24
27

AU71088
Pacific



28
31

AU71091
Prestige



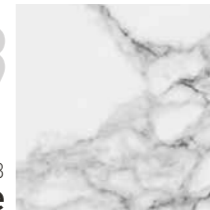
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Pinnacle



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Paradise



40
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AU71121
Passion



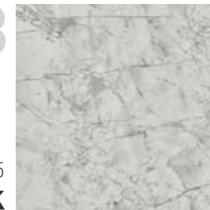
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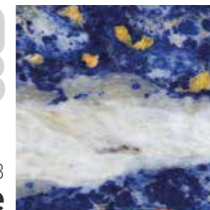
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59

AU76026
Premier



60
63

AU75013
Positive



64
67

AU74009
Poetry



900

Pristine

AU73009



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes

900

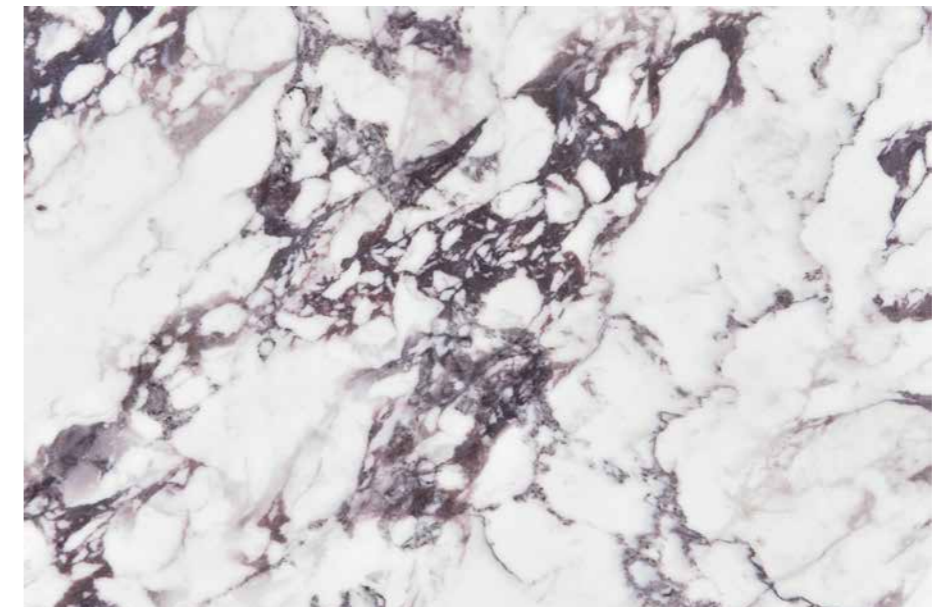


Pristine
AU73009



Palace
AU71092

092



FINISH
Polished
S-Tech

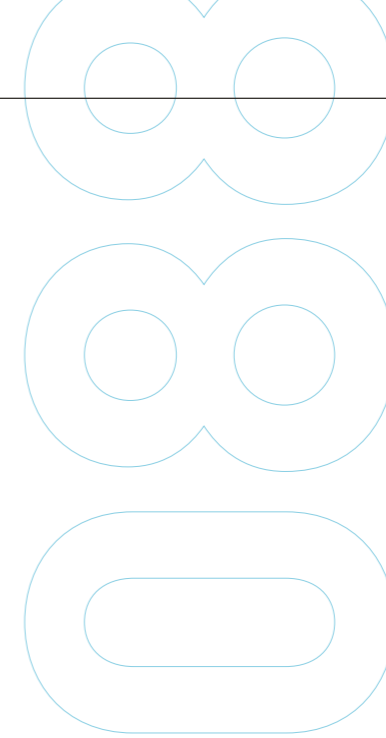
SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
No

PHI





Pacific

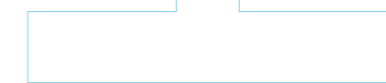
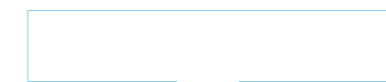
AU71088

FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes







Prestige

AU71091

PHI
091



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes

PHI



Prestige
AU71091

Pinnacle

AU73016



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
No



Pinnacle
AU73016



Paradise

AU71093

093



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes

PHI



Paradise
AU71093

Passion

AU71121



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes



Passion
AU71121

380



Patience

AU72083

FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes

126



Patience
AU72083



Peak
AU72085

5
8
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E
P



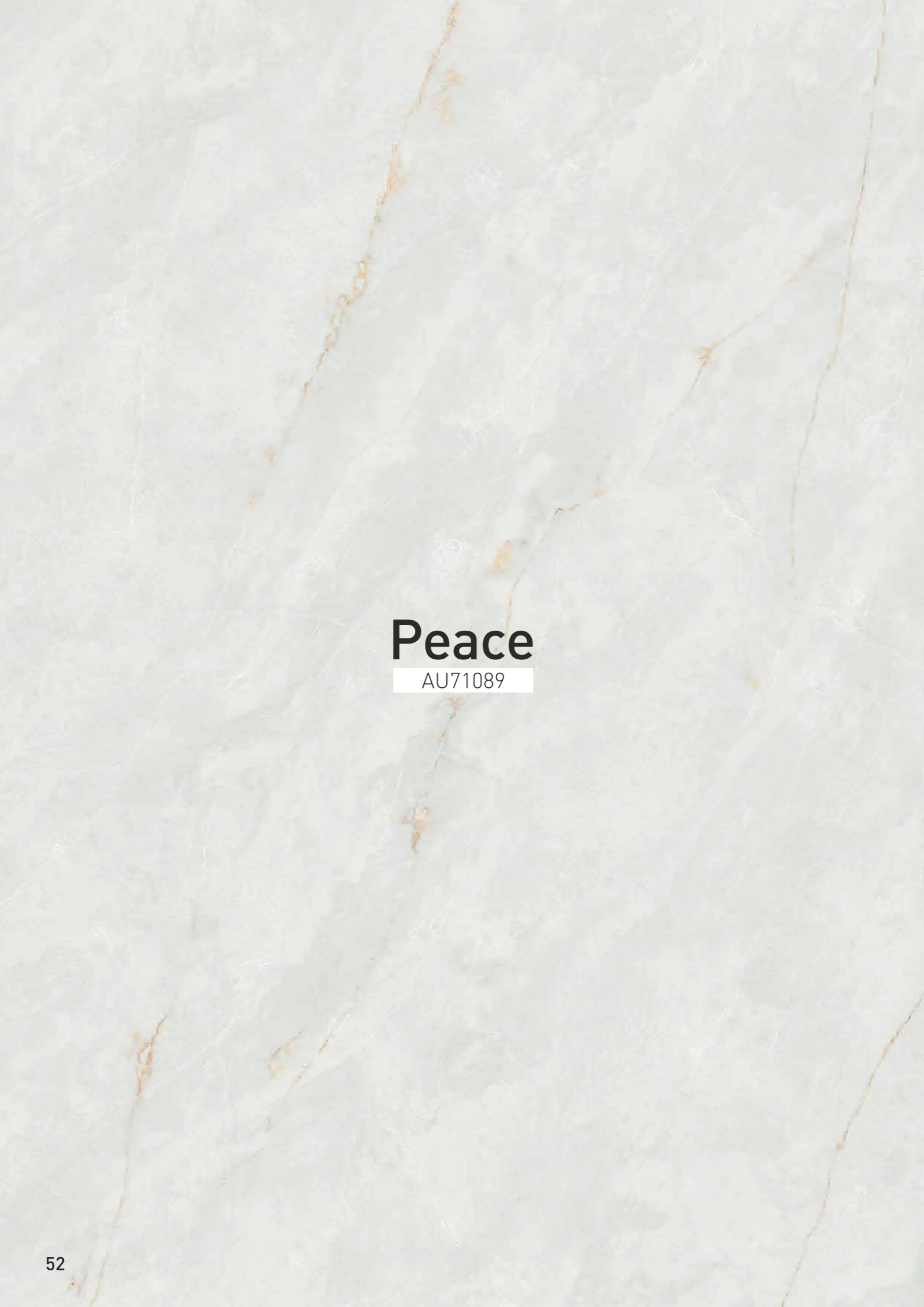
FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes





Peace

AU71089

01
08
00



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

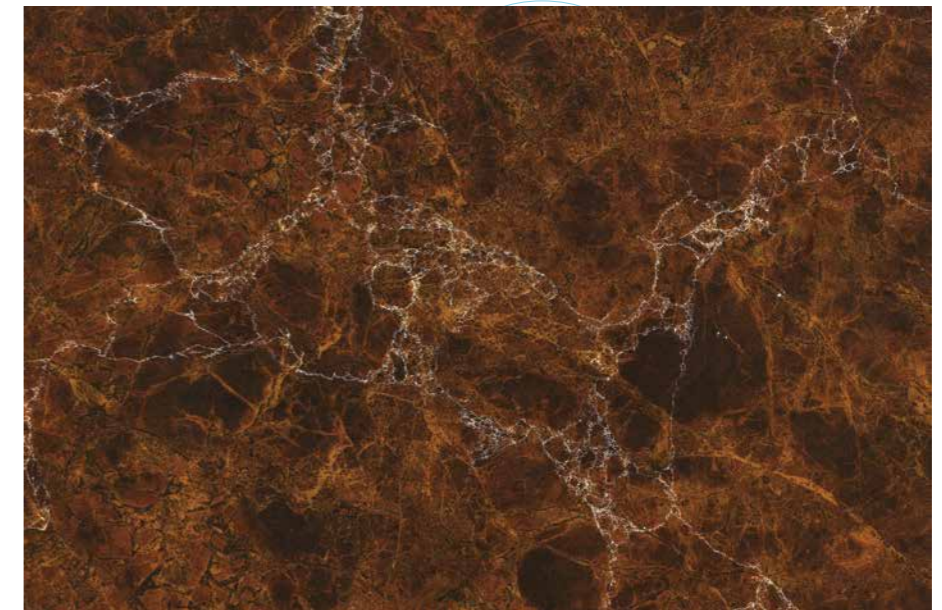
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No

01
08
00



Peace
AU71089

026



Premier

AU76026

FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes

PHI

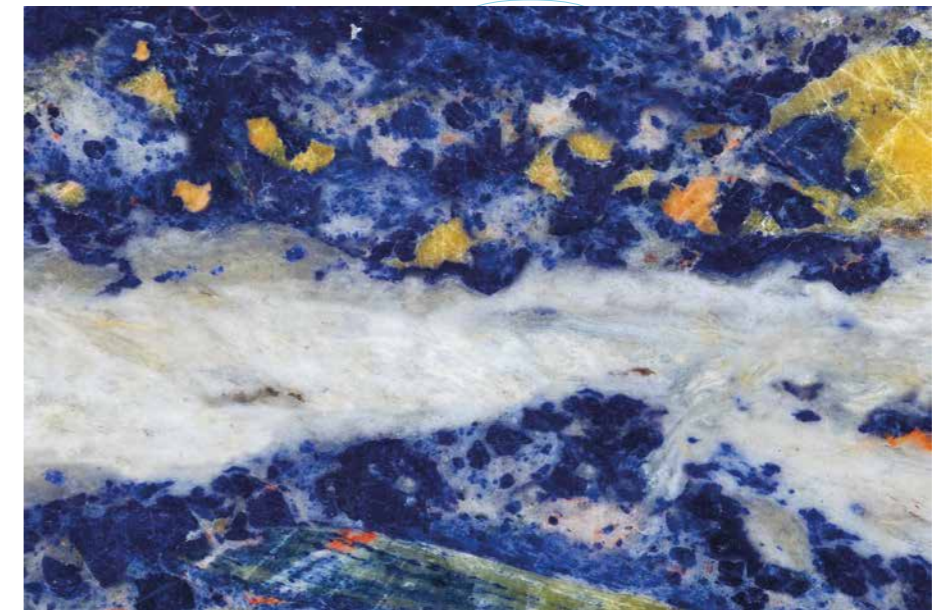


Premier
AU76026



Positive
AU75013

310



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

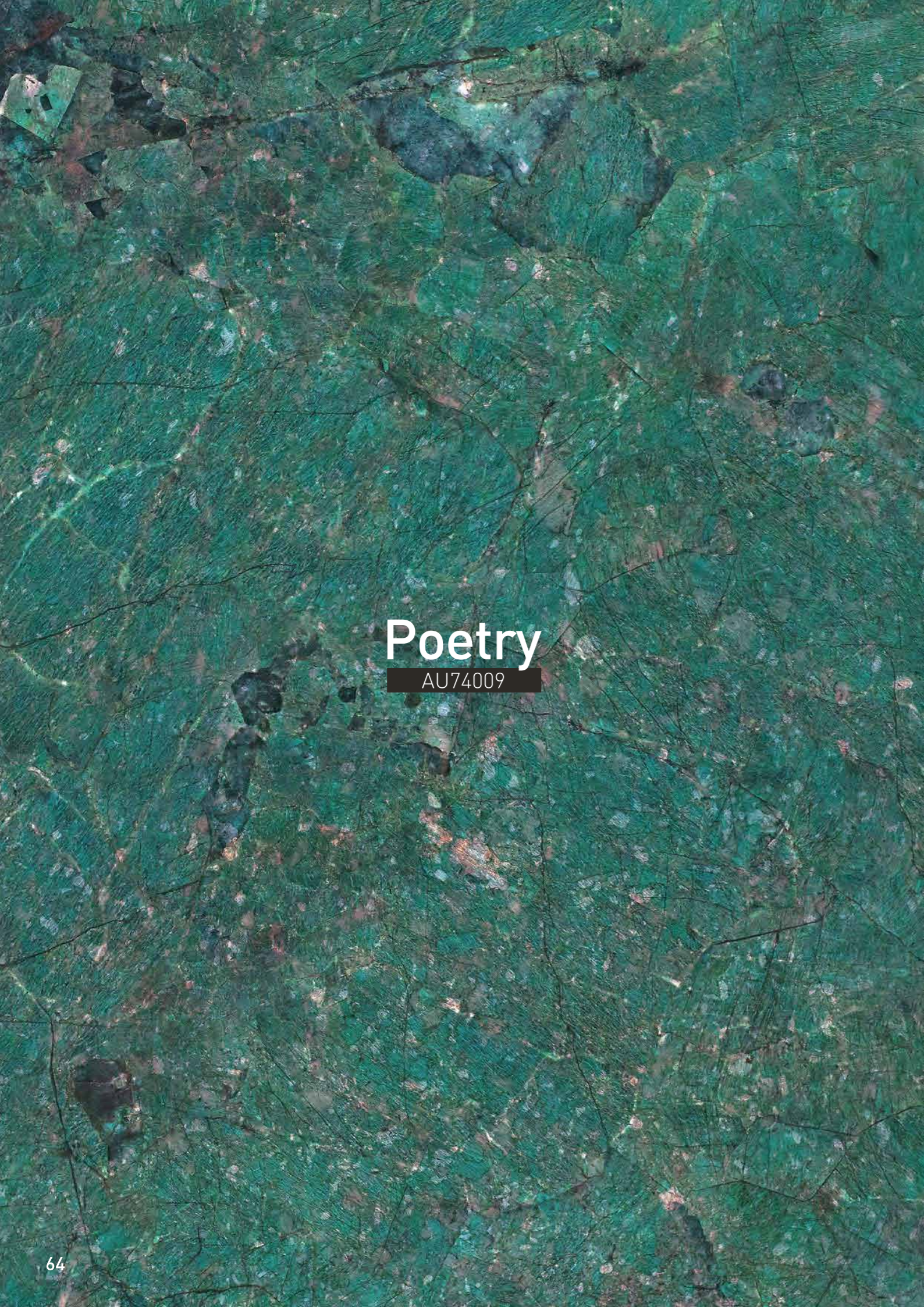
THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
No

110



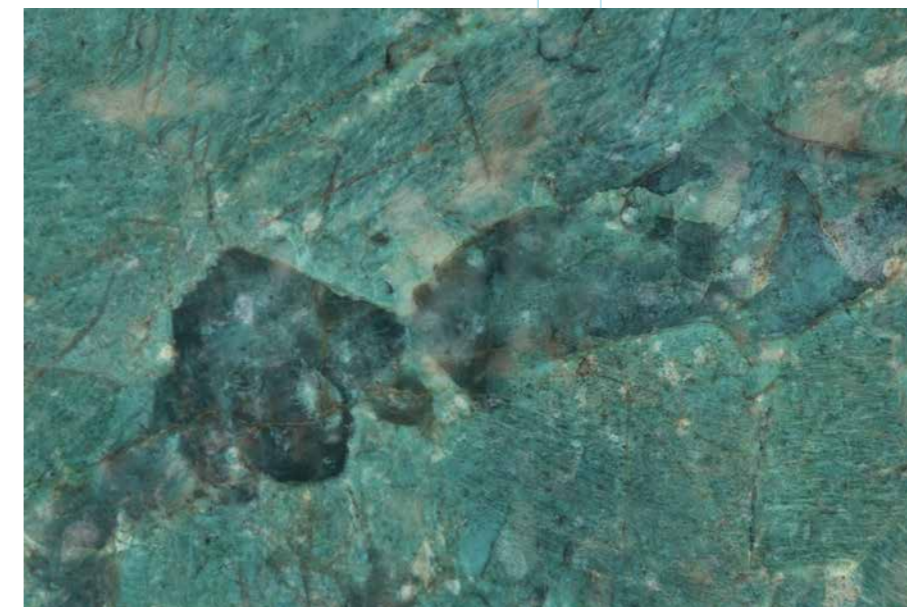
Positive
AU75013



Poetry

AU74009

9009



FINISH
Polished
S-Tech

SIZE
126 x 63 inch

THICKNESS
3/4 inch
1-1/4 inch

BOOKMATCHED
Yes

9009



Poetry
AU74009

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 **reduces the crystalline silica** content in all the slabs to less than 20%, marking a reduction of up to 70% compared to traditional quartz surfacing. People'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.



 **EPD**[®]
THE INTERNATIONAL EPD[®] SYSTEM



PHI BY
AUREA
STONE

www.aureastone.com

PHI BY
AUREA
STONE