All rights reserved. Reproduction without permission is strictly prohibited.

PHOMI®
econiclay

econiclay coverings

2026 Product Catalog

www.phomi.com
market@phomi.com

2026.3

PHOMI HOLDING
material science that shapes the future

Founder/leader/standard setter of MCM industry
Winner of the 123rd Paris International Invention Gold Award
Winner of the 76th International Exhibition of Inventions Nuremberg
Winner of Chinese Patent Award
Winner of the 50th Geneva International Invention Award
Winner of the 9th Asian International Innovation and Invention Award

About US

We are PHOMI HOLDING, forerunner of eco-environmental material science! Founded in 2008, focusing on the research, development and production of econiclay-based materials, we are committed to providing carbon neutral material solutions to the world. With a start-up mentality, we develop up-to-date, sustainable material solutions for new challenges of living on our planet.

We use modern technology of the digital age, combined with knowledge of traditional craftsmanship, to create sustainable, eco-friendly, and inspiring materials with a human-centric emphasis.

As a technical enabler, we give our material solutions and knowlegde to partners to spread it worldwide. Our mission is to create a better future for all by continuously expanding the applications of econiclay, providing innovative solutions that benefit society worldwide.

Our Vision: With our leadership in material science and technology, we aspire to work with more partners to shape a sustainable world, together. We believe that it is human nature to shape the world in the best way possible - from the first hut in ancient times to a blue planet worth living on in the future. In relentless pursuit of this vision, we will develop and deliver the best materials across a range of applications, now and into the future.

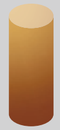
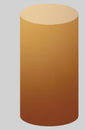






PHOMI®
econiclay

Phomi eCovering:
The zero-carbon cladding material, balancing flexibility and performance

Items	Material				
	Plastic film	Plastic building material		3.0 eCovering	4.0 eCovering
		PVC	SPC		
Flexiblity					
Thickness	1mm	2mm	4mm	4mm	3-4mm
Bendibility	∅ 2 mm	∅ 200 mm	∅ 300 mm	∅ 400 mm	∅ 500 mm
Fireproof rating (class)	F	C/B2	C/B2	A2	A2/A1
UV resistance	Outdoor, 6 months	Outdoor, 2 years	Outdoor, 3 years	Outdoor, 30 years	Outdoor, 50 years
Water resistance	-	Cannot be kept submerged	Cannot be kept submerged	Can be kept submerged	Can be kept submerged

3 Core Disadvantages of Excessive Flexibility

Flexibility is negatively correlated with building material performance: the greater the flexibility, the more serious the subsequent issues will be.

1.Poor UV Resistance: Higher flexibility → more plastics used → lower UV resistance.

2.Poor Wall Aesthetics: Higher flexibility → higher requirements for wall flatness → uneven wall surfaces are more likely to show after pasting, affecting the aesthetic appeal.

3.Poor Fire Safety: Higher flexibility → more plastics used → lower fire rating → stronger odor and more toxic smoke released during combustion.

4.0 eCovering's Scientific Solution

We first meet the core performance requirements of building materials, then adapt to the building's bending needs. The specific logic is as follows:

1.Performance FIRST: We meet THREE key criteria - ① Both UV resistance and fire rating have reached the highest level in the industry, with no odor during combustion; ② Complies with the universal standard for wall flatness, ensuring no unevenness after application; ③ Achieves near-zero carbon emissions throughout the entire product life cycle.

2.Optimal Flexibility: We optimize the ability of eCovering to bend, based on data and long time production know-how, resulting in eCovering 4.0 meeting the bending requirements of all buildings, while avoiding the performance loss caused by "unnecessary excessive flexibility."

eCovering series

eConiclay products all comply with "cradle to cradle" advanced material certification standards



1.Material Health

econiclay uses naturally-occuring materials such as soil, stone waste, and non-metallic tailings as its raw materials. A meticulous process of collection, sorting, and screening ensures the quality of these inputs. After being powdered, specialized surfactants are applied to create a protective, multi-layered network structure around the particles, effectively preventing the release of harmful substances. This commitment to material quality guarantees that econiclay products are free from any harmful residues or emissions.

2.Product Circularity

econiclay products are very easily recycled once they reach the end of their useful life. They don't break down into harmful substances, making recycling practical. Mixing econiclay with other materials can create durable and flexible products, reducing the need for plastic and extending product lifespans. This conserves resources and supports product circularity - one of the key pillars of sustainability.

3.Clean Air & Climate Protection

Our plant uses self-generated green electricity and steam as an energy source, and produces at low temperatures. In turn, this reduces our reliance on fossil fuels and significantly decreases greenhouse gas emissions. The entire production process is environmentally friendly with no smoke, harmful gases, or wastewater released. The inorganic properties of econiclay ensures that it doesn't emit gases or pollutants during use or recycling, contributing to cleaner air.

4.Water & Soil Stewardship

The econiclay production process conserves water resources by utilizing steam, which is efficiently transformed into production water during the condensation process. Simultaneously, the production process generates zero wastewater, making a positive contribution to the conservation of water resources. Importantly, econiclay products, being non-vitrified inorganic materials, have no detrimental impact on the soil after their lifecycle concludes, ensuring the long-term health of the land.

5.Social Fairness

The production process of econiclay products is designed to minimize waste, noise, and the release of harmful substances, ensuring that both workers and neighboring communities are not negatively impacted by hazardous materials or poor environmental conditions. Utilizing low-temperature manufacturing and self-generated green electricity/steam as an energy source also helps reduce environmental pollution, fostering social equity. Implementation of carbon-neutral measures further supports social sustainability.
econiclay products boast a Class A fire rating, enhancing fire safety in application areas and thereby increasing community safety, ultimately contributing to social equity.

PHOMI®
econiclay

The full life cycle of eCovering

Zero carbon footprint for raw materials

The basic raw materials are based on inorganic solid waste such as urban construction waste, scraps of soil, stone, and ceramics, and non-metallic tailings.



Transportation

eCovering weighs only 4kg/m², versus natural stone which weighs 70kg/m². This drastically reduces the energy required during transportation by 94%.

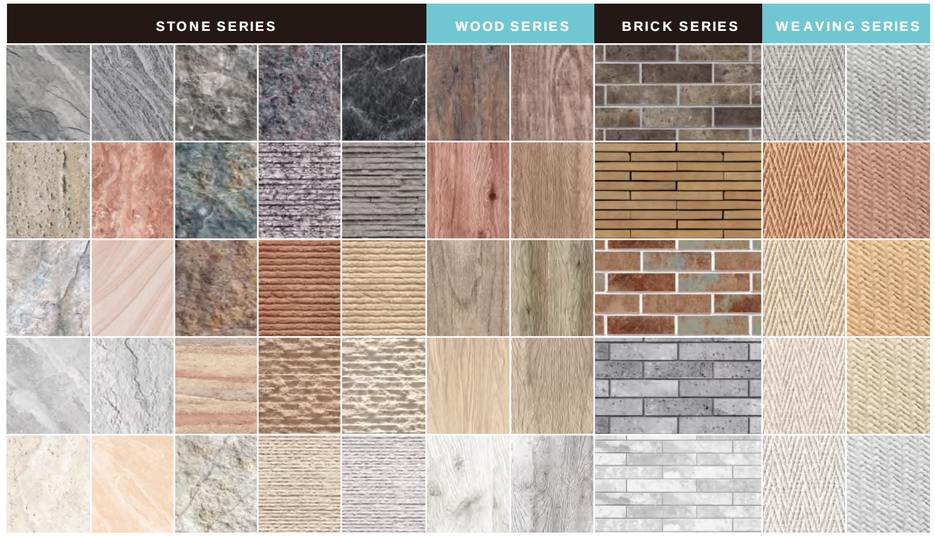
Production process

The molding process only requires temperatures of 100°C, with green electricity and heat cogeneration both used.

Endless recycling

When dismantled, eCovering will disintegrate into small pieces and return to the soil without negative effect. Plant roots can easily enter the debris and grow, because the material has a self-respiratory function and maintains a specific water absorption rate.

PHOMI eCovering Products Series



PHOMI eCovering Core Value

High value and durability

eCovering showcases the texture and color of natural materials. Based on the inorganic-organic hybrid structure, it has excellent UV-resistant qualities. The service life of eCovering is several times longer than that of PVC wallcovering and flooring, reducing the frequency of replacement and the waste of resources.

Replacement of energy-intensive materials

The unique active bonds and low-temperature molding can create more functional products to meet the needs of different settings, becoming an ideal substitute for traditional materials such as tiles, stones, cement, wood, leather, plastics, etc.

A1 fire rating

Thanks to its inorganic properties, eCovering has a fire resistance rating of A1. This provides a better safeguard compared to flammable plastic and wood surface materials.

Environmental Protection and Sustainability

1. Not relying on specific mineral resources diminishes the adverse impact of resource extraction on the environment.
2. The low temperature molding process decreases energy consumption and eliminates waste gas emissions, and wastewater disposal.
3. Inorganic solid waste can be repeatedly reused and recycled, greatly limiting the negative impact on the environment.

PHOMI®
econiclay

eCovering has successfully obtained **BUREAU VERITAS Product Carbon Footprint Verification Certification**



BUREAU VERITAS
Certification

Product Carbon Footprint Verification Statement

Is awarded to

PHOMI HOLDING CO., LTD.

Verified product: Econiclay Covering

Functional/Declared unit: 1 m² Econiclay Covering and 1 kg Econiclay Covering. (Size: 1200mm × 600mm × 3mm. Weight : 3.9kg/ m². Packaging material weight: 118.8 g/㎡)

System boundary: The life cycle (from cradle to grave) process GHG emission of 1 m² / 1kg Econiclay Covering produced in PHOMI MCM CO., LTD., including upstream raw material acquisition and production, raw material transportation, core production and downstream product transportation, product utilization and disposal process.

Reporting period verified: 1/1/2023 to 31/12/2023

Production Company. PHOMI MCM CO., LTD.

Production address: No.9 Zhijiang Road,Overseas Chinese Investment Zone, Laibin City, Guangxi Zhuang Autonomous Region,China

Re-verification conditions: Re-verification shall be applied when Greenhouse Gas emissions in life cycle of the product has 5% or more than 5% planned changes or has more than 10% unplanned changes, and these changes continue for more than 3 months.

Bureau Veritas Certification (Beijing) Co., Ltd.

certifies that above organization has conducted Greenhouse Gas verification of product carbon footprint in accordance with the requirements of the standard detailed below, and verification data are reasonable measurement and calculation.

ISO 14067: 2018

Greenhouse Gas emission in life cycle of 1 m² Econiclay Covering product (from cradle to grave): 1.02 kgCO₂e

Greenhouse Gas emission in life cycle of 1 kg Econiclay Covering product (from cradle to grave): 0.26 kgCO₂e

Statment No.: EM2109462GZ-01 **Version No.:** NO.1

Lead verifier: Haoyu HUANG **Verification date:** 23-24, January, 2024

Issue date: 13/3/2024 **Expiry date:** 12/3/2026

Signed on behalf of
Bureau Veritas Certification (Beijing) Co., Ltd.

Certification body address: Room 02, 8/F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang An Avenue, Dongcheng District, Beijing, P.R.China, 100738
Further clarifications regarding the verification scope of this statement may be obtained by consulting the organization.
To check this statement validity please call: +86 10 59463088 or +86 20 62073800

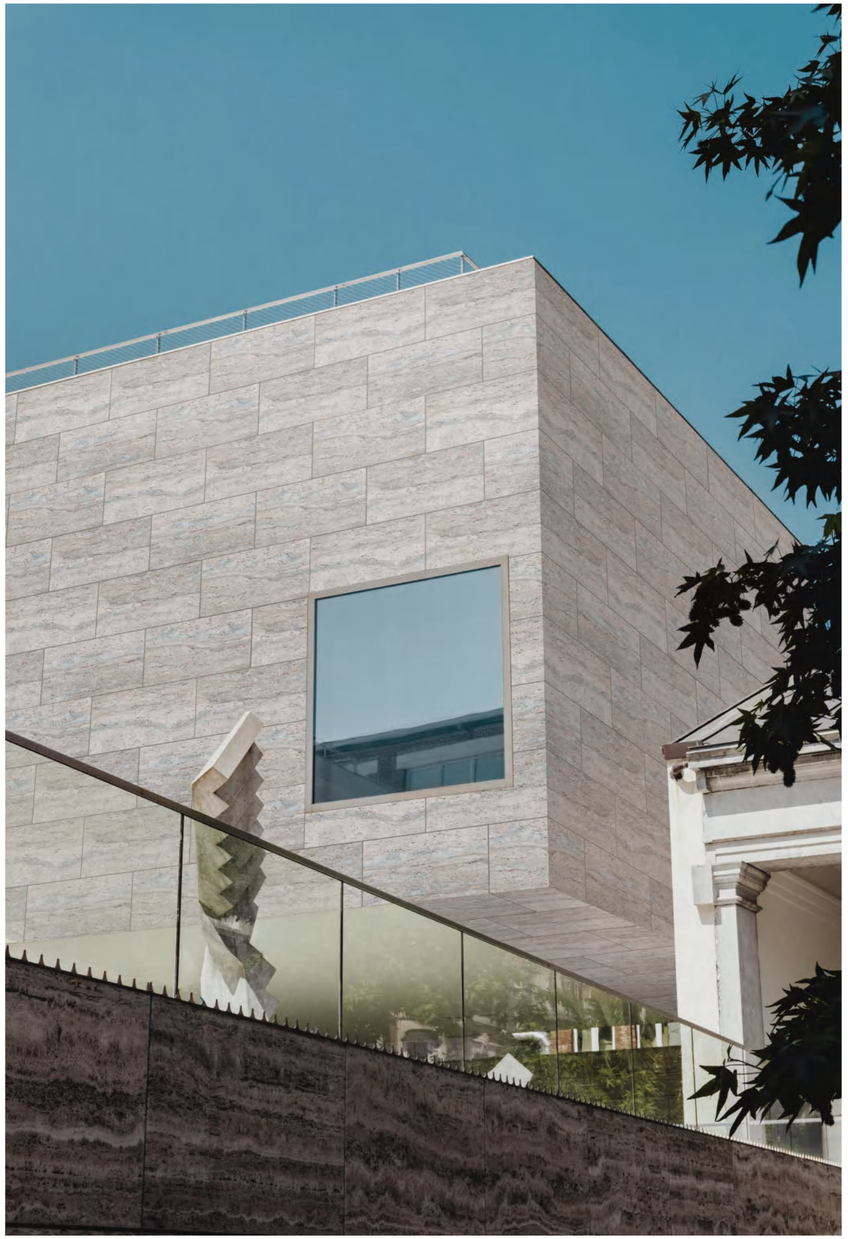
Page 1 of 1

The carbon emission of 1㎡ of eCovering is **1.02kg CO_2e**.

eCovering produces **95.4%** **CO_2e** than conventional **tiles**

eCovering produces **98.63%** **CO_2e** than conventional **stone**


Material technology
integrated with 3D-tech
empowers traditional
stone industry for
transformation
Stone Series





Greece Travertine

Anna Light Grey



Plain White



Mookie Ivory



Anna White



Anna Light Grey



Anna Medium Grey



Kamu Grey



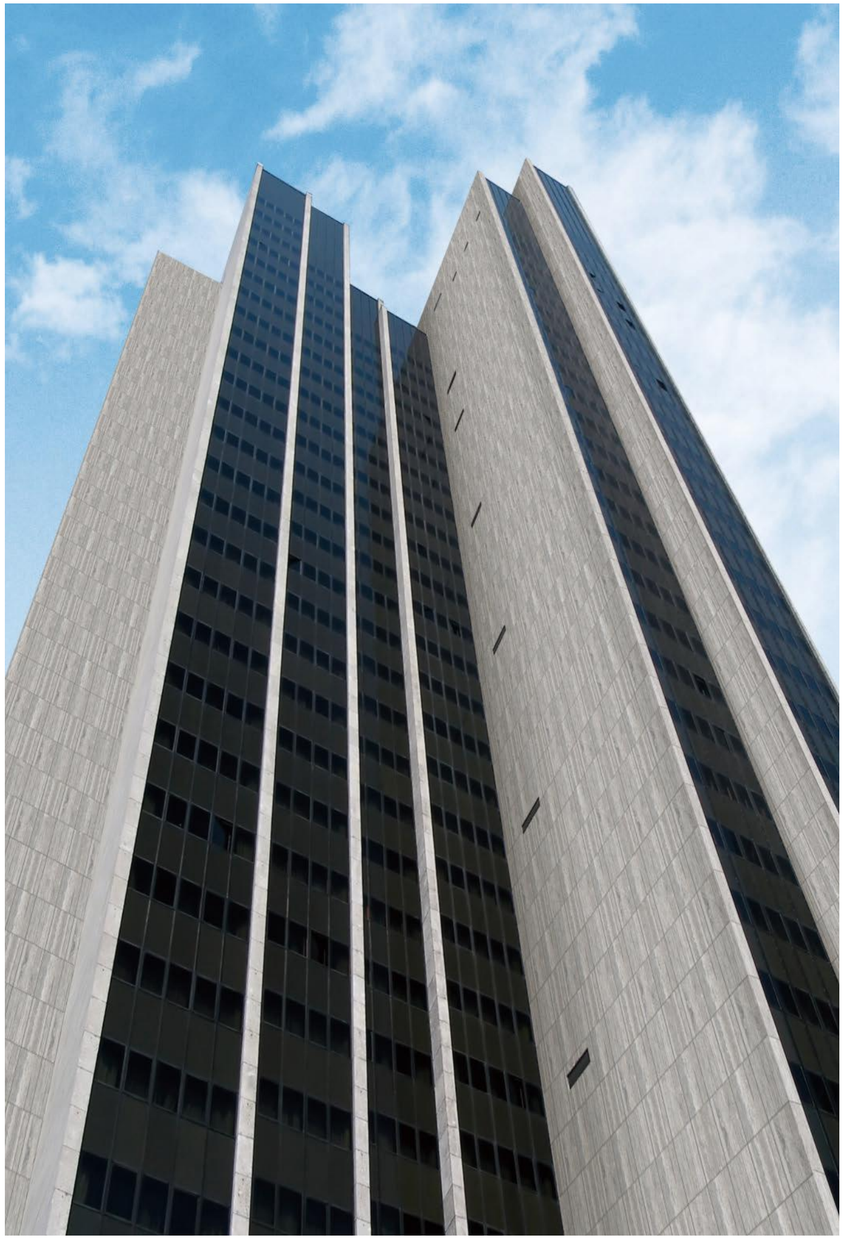
Kamu Yellow



Kamu Red

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200x600	3.2(±0.5)	1220x620x75	14	10.08

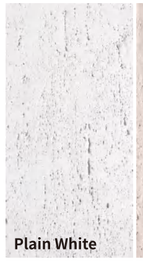
Material science that shapes the future.





Coral Travertine

Stratus Light Grey


Plain White


Stellar White

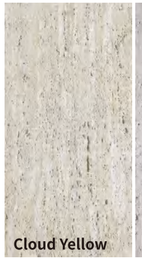

Stellar Grey


Stratus Light Grey


Stratus Dark Grey


Stratus Brown


Stellar Yellow

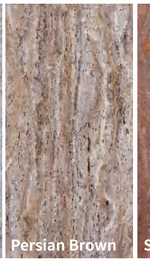

Cloud Yellow


Persian Beige Grey


Persian Yellow Grey


Persian Grey

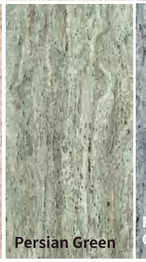

Persian Vioblue


Persian Brown


Stellar Red


Persian Gold


Persian Light Orange


Persian Green


Persian Green Grey


Persian Lake Blue

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200x600	3.2(±0.5)	1220x620x75	14	10.08

Material science that shapes the future.





Rome Travertine

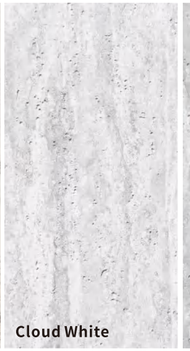
Andes Yellow



Plain White



Aegean White



Cloud White



Cloud Grey



Cloud Yellow



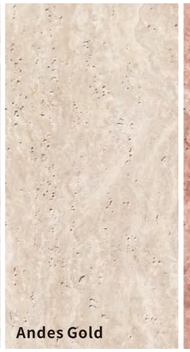
Cloud Orange



Andes White



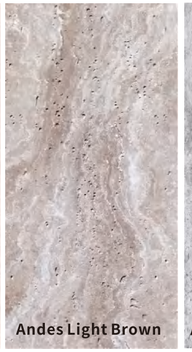
Andes Yellow



Andes Gold



Andes Red



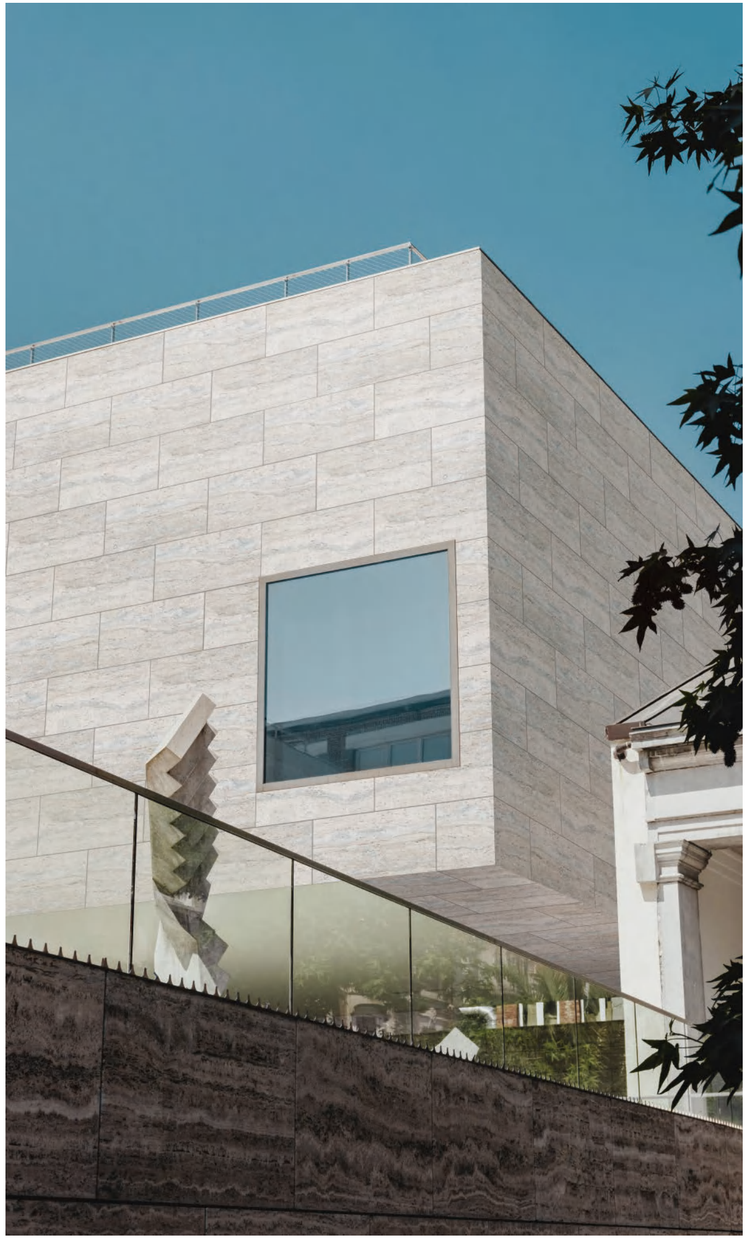
Andes Light Brown



Andes Grey

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200x600	3.3(±1)	1220x620x75	18	12.96
	2400x1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000mm)x1200				
4.0	1200 x 600	3.2(±0.5)	1220x620x75	16	11.52

Material science that shapes the future.





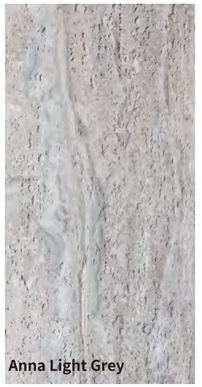
Lane Crawford Travertine

Anna White


Plain White


Cloud Yellow


Cloud Grey


Anna Light Grey


Anna Medium Grey


Persian Beige Grey


Persian Gold


Anna White


Kamu Yellow


Kamu Red

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200x600		1220x620x75		
	2400x1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	3000x1200				
4.0	1200 x 600	3.2(±0.5)	1220x620x75	14	10.08

Material science that shapes the future.





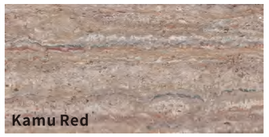
Ghana Travertine

Sairo Grey


Stellar White


Andes Yellow


Kamu Yellow


Kamu Red


Cloud Yellow


Anna White


Persian Gold


Stellar Yellow


Cloud White

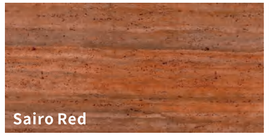

Stellar Grey


Sairo Medium Yellow


Stratus Brown


Sairo Off-White


Kamu Grey


Sairo Red

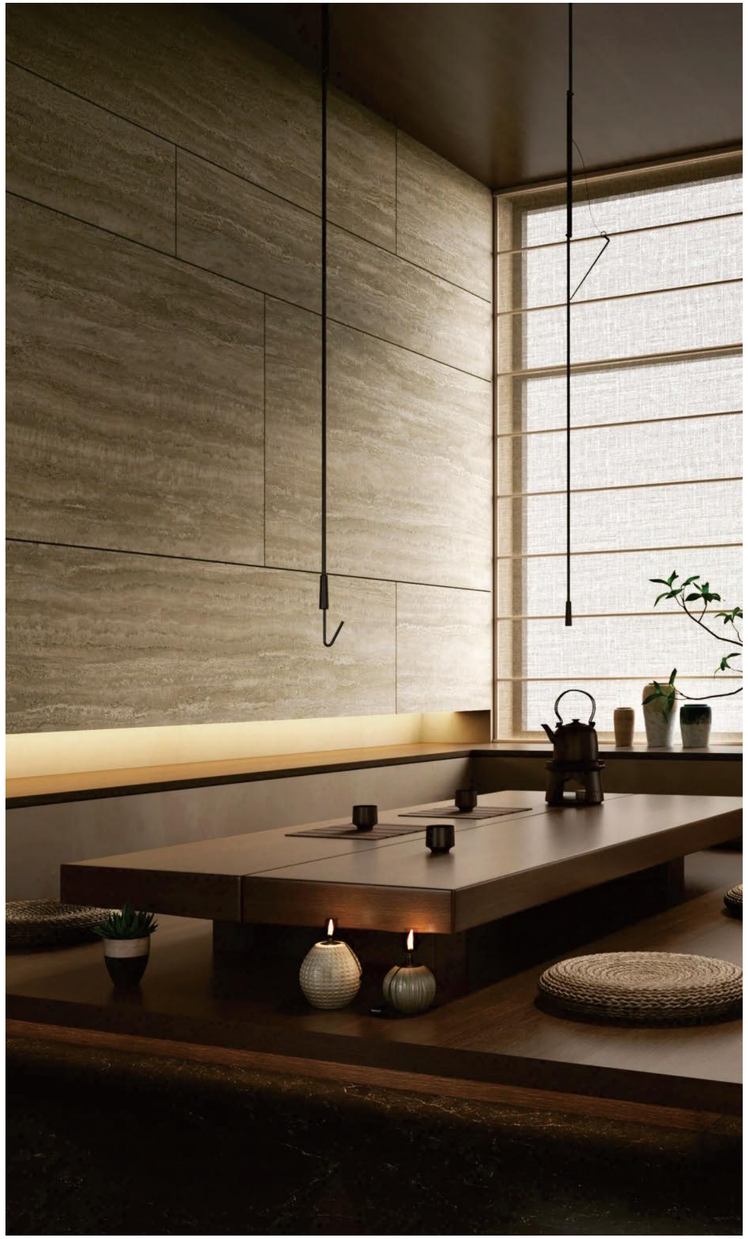

Stellar Red


Sairo Grey


Sairo Light Apricot

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200x600	2.8(±1)	1220x620x75	18	12.96
	2400x1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
4.0	1200x600		1220x620x75		

Material science that shapes the future.





Anthill Travertine

Stellar Yellow

econiclay coverings

STONE SERIES


Plain White


Cloud White


Cloud


Castol Grey


Fog


Andes Grey


Anna Light Grey


Anna White


Kamu Yellow


Stellar Yellow

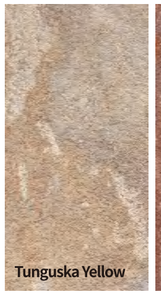

Kamu Red


Maca Blue


Anna Medium Grey


Nile Dark Grey


Andes Yellow


Tunguska Yellow


Stellar Red


Roman Red


Freespirit Blue-grey


Sahara Noir


Portoro

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200x600	3.2(±0.5)	1220x620x75	16	11.52

Material science that shapes the future.





Cloud Silk Travertine

Ash Grey


Plain White


Ash Grey

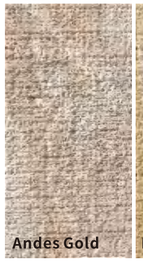

Kamu Yellow


Pency


Snow Flake Red


Kamu Red


Multi-Color Rust


Andes Gold


Persian Gold


Anna Light Grey


Anna Medium Grey


Black Sesame


Multi-Color Blue


Roman Grey

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200x600	1-4	1220x620x75	14	10.08

Material science that shapes the future.





Oceanic Travertine

Greek Yellow


Moonlight


Greek Yellow


Plain Cloud Grey

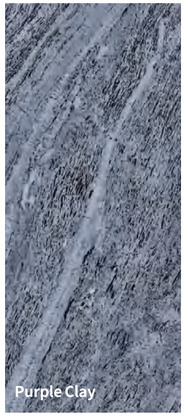

Light Cloud Grey


Ink Cloud Grey


Moon Blue

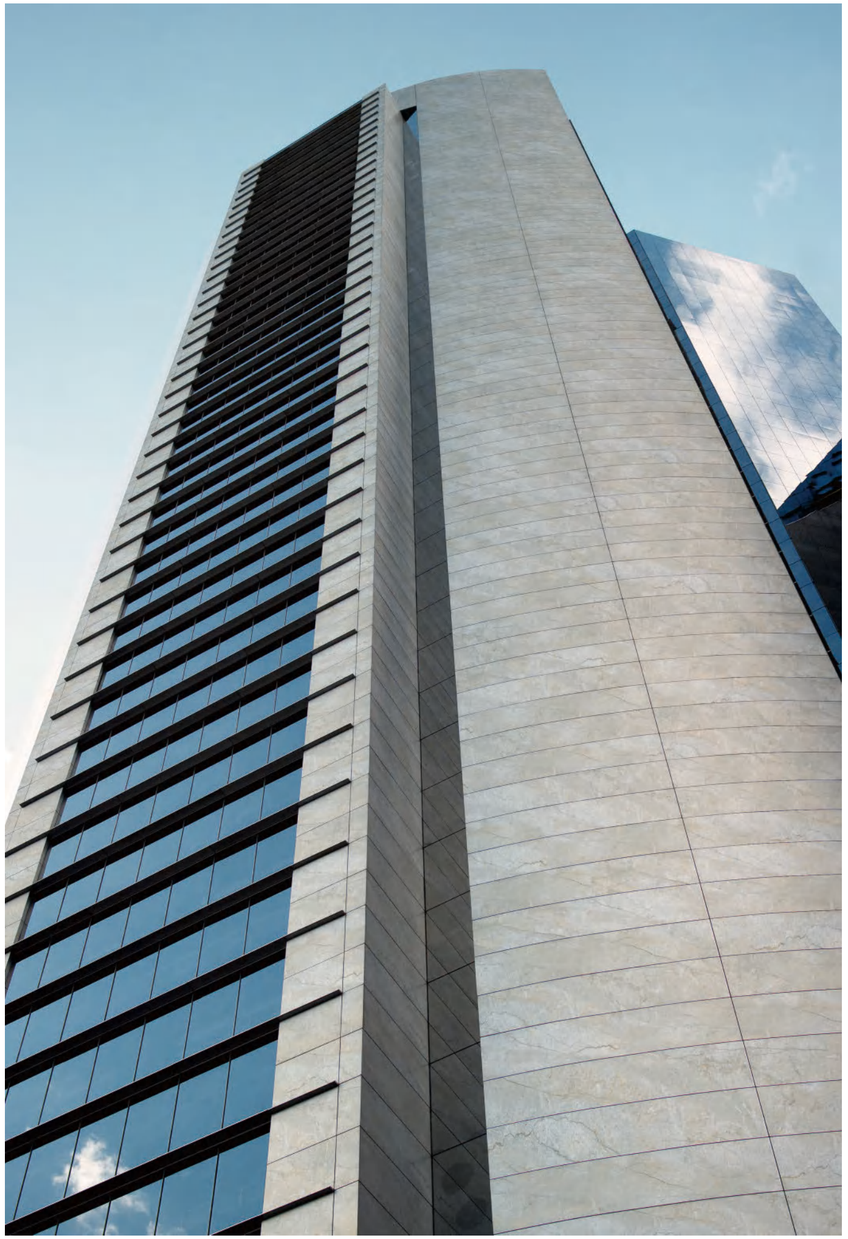

Deep Blue

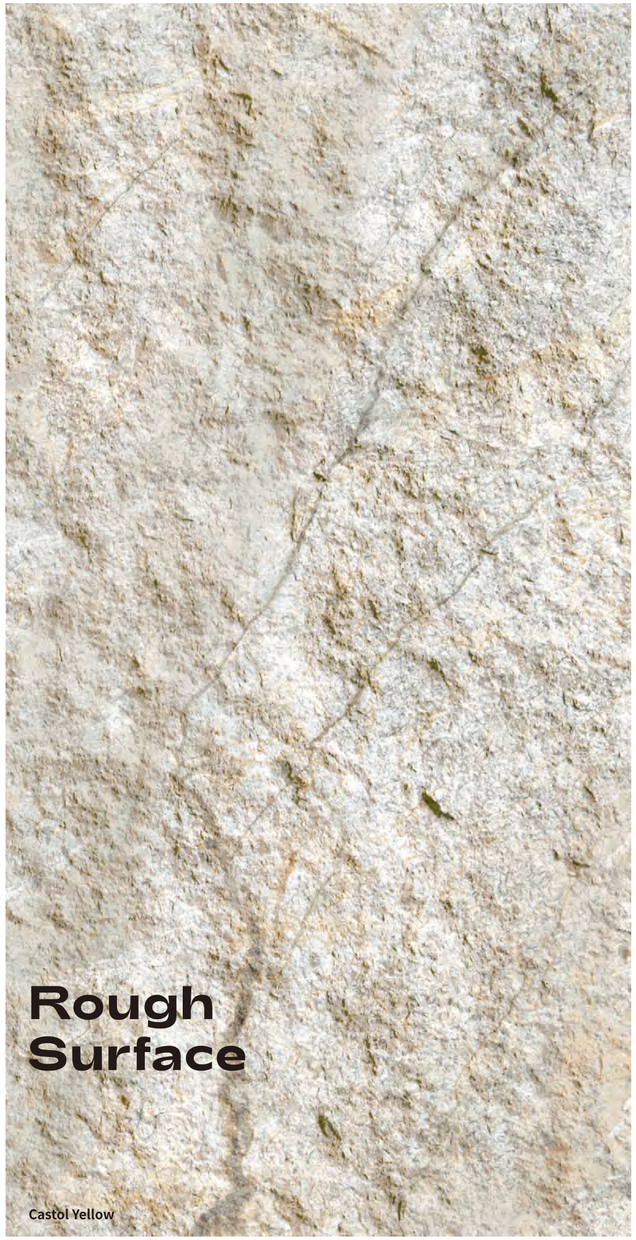

Riverbank Green


Purple Clay

Generation	Standard size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200 x 600	3.2(±0.5)	1220x620x75	14	10.08
3.0	2800x1200	2-6	Sizes above 2800x1200 are packed with wooden case as per order quantity (subject to packaging fee)		

Material science that shapes the future.





Rough Surface

Castol Yellow


Plain White


Ash Grey


White Sesame


Gold Sesame


Castol White


Castol Yellow


Castol Grey


Pearl Blue


Florence Gold


Shellfish Limestone Beige Grey


Shellfish Limestone Medium Yellow

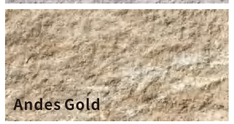

Ice Age Blue

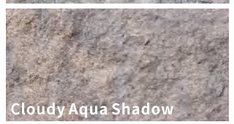

Veil Grey

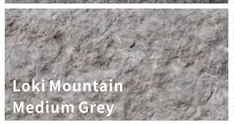

Castol Blue


Nile Dark Grey

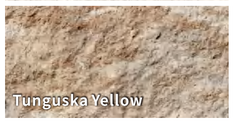

Maca Blue

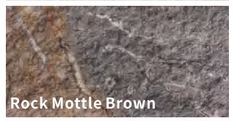

Andes Gold

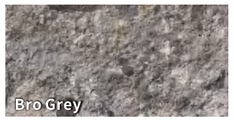

Cloudy Aqua Shadow


Loki Mountain Medium Grey


Roman Grey

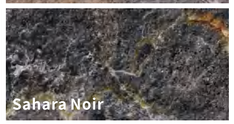

Tunguska Yellow

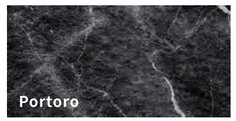

Rock Mottle Brown


Bro Grey


Freespirit Blue-grey

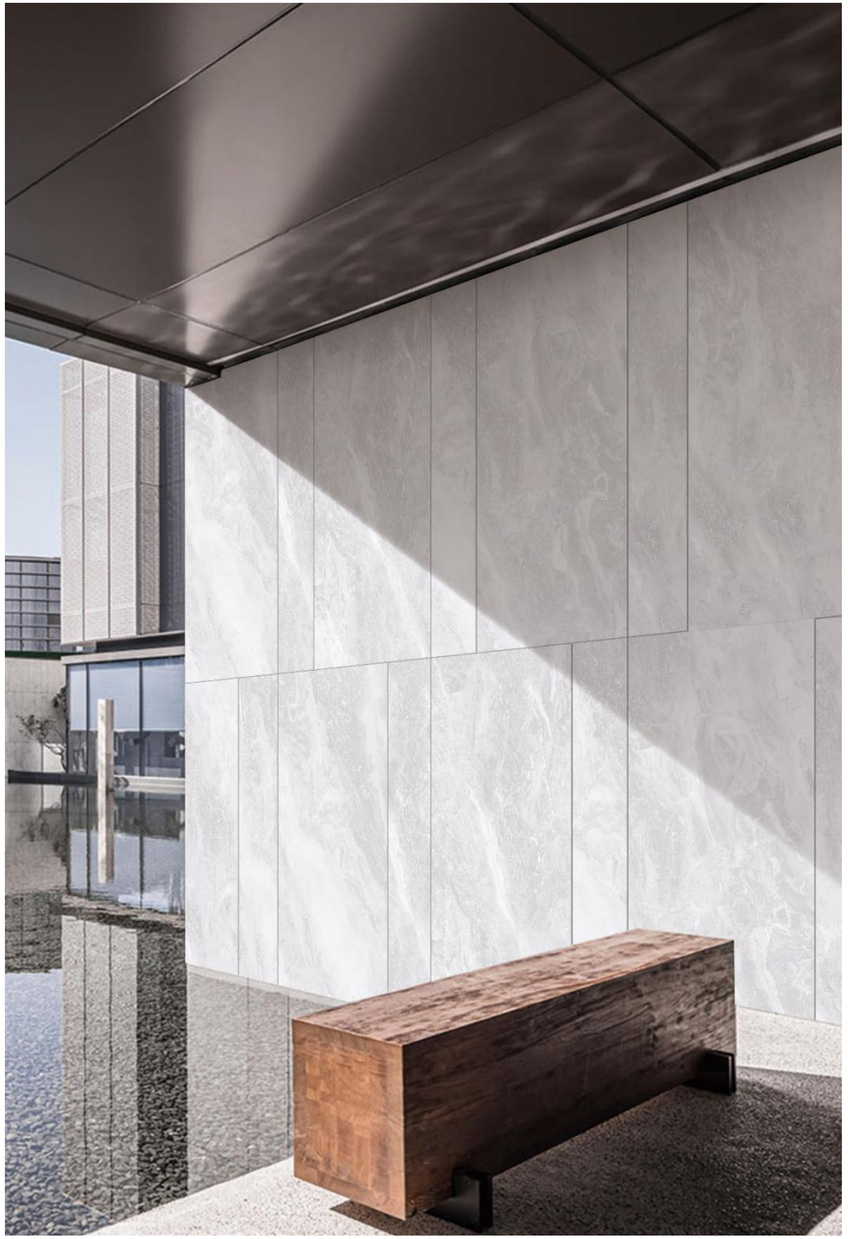

Roman Red


Sahara Noir


Portoro

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-6 natural unevenness	1220 x 620 x 75	12	8.64
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000) x1200				

Material science that shapes the future.





Marble

Veil Grey


Sunis White


Ash Grey


Veil White


Cloud White


Cloud Grey


Castol White


Castol Grey


Veil Grey


Veil Yellow


Cloud Yellow


Andes White


Andes Yellow


Andes Gold


Salento Yellow


Tunguska Yellow


Anna White


Kamu Yellow


Seasons Pink


Andes Red

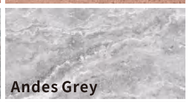

Nile Red

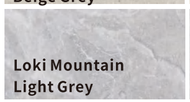

Shellfish Limestone Beige Grey


Shellfish Limestone Medium Yellow


Kamu Red


Anna Medium Grey


Andes Grey


Loki Mountain Light Grey

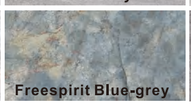

Nile Warm Grey

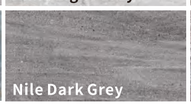

Anna Light Grey


Rock Mottle Brown


Rock Mottle Dark Grey


Castol Blue


Freespirit Blue-grey


Nile Dark Grey

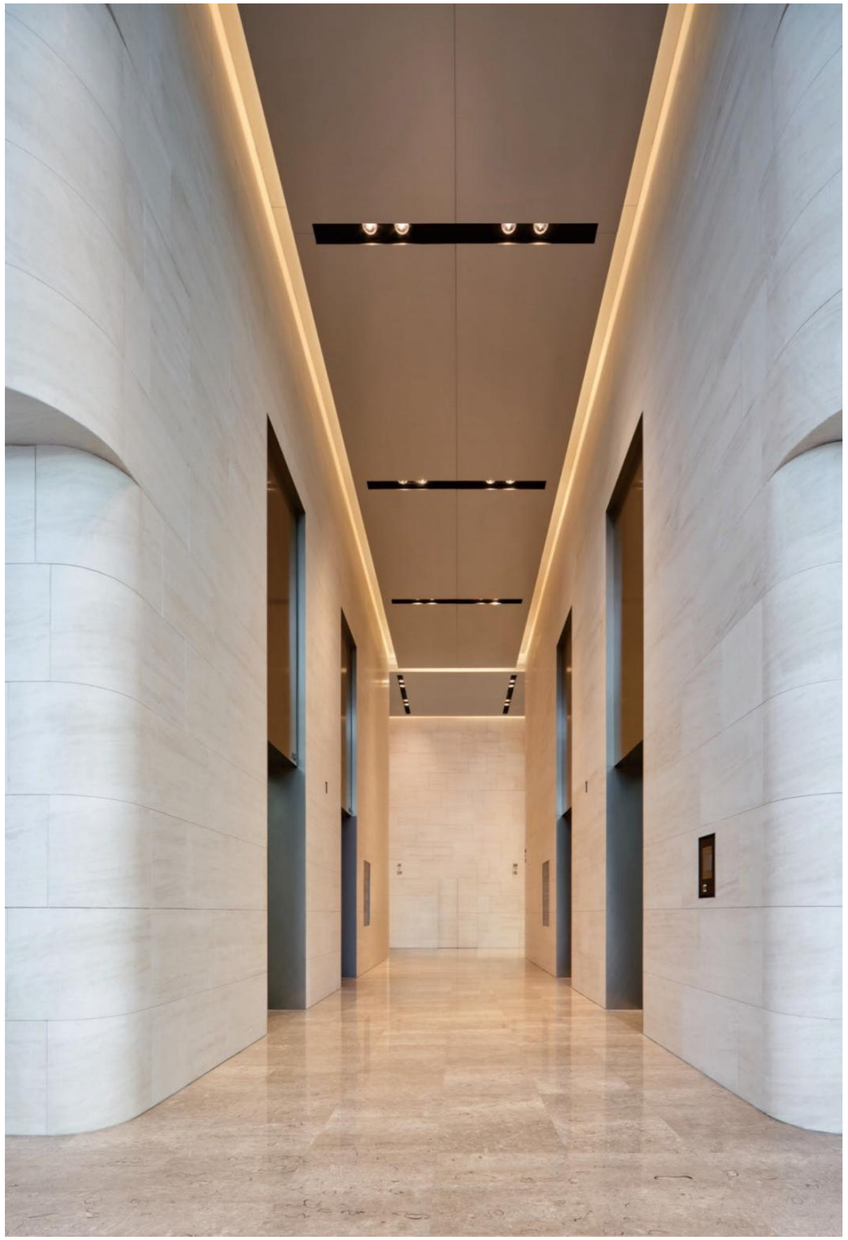

Multi-Color Red


Portoro


Roman Red

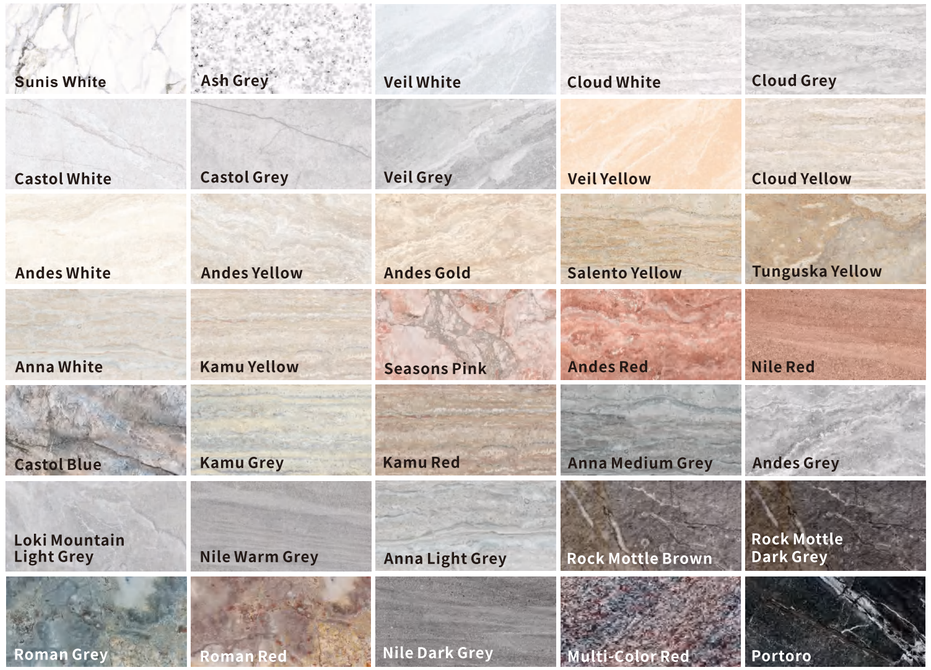
Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	2.8(±1)	1220 x 620 x 75	20	14.4
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000) x1200				
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75	16	11.52

Material science that shapes the future.



Polished Stone

Castol White



Generation	Standard size (mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75	16	11.52

Material science that shapes the future.







Polish Concrete Stone

Puzzlecrete Medium Grey


Cloud


Greyish Desert


Loozee Light Grey


Puzzlecrete Light Grey


Great Desert


Fog

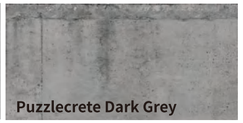

Loozee Medium Grey


Puzzlecrete Medium Grey


Medium Grey


Dark Brown

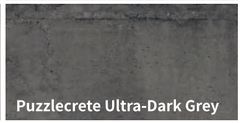

Loozee Plain Grey


Puzzlecrete Dark Grey


Dark Grey

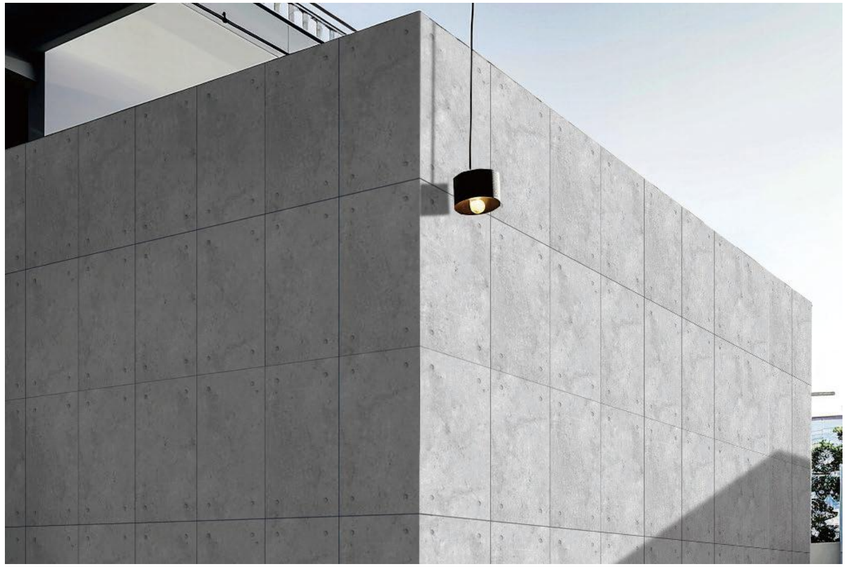

Ink-Dyed


Loozee Dim Grey


Puzzlecrete Ultra-Dark Grey

Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	2.8(±1)	1220 x 620 x 75	20	14.4
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000) x1200				
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75	16	11.52

Material science that shapes the future.





4eyes Concrete

Greyish Desert


Cloud


Greyish Desert

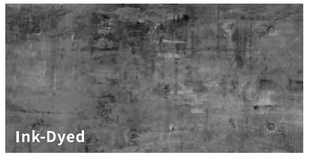

Great Desert


Fog


Medium Grey


Dark Brown


Dark Grey


Ink-Dyed


Loozee Light Grey

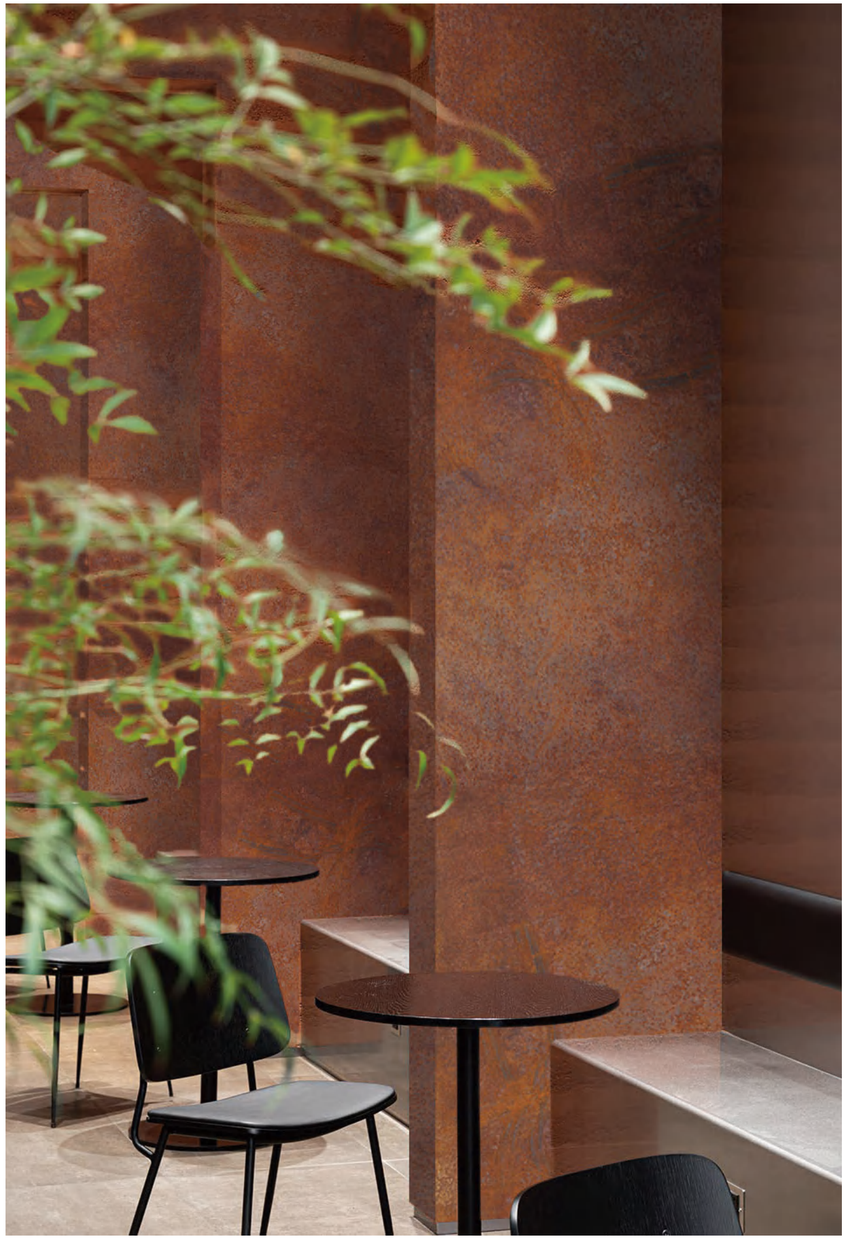

Loozee Medium Grey


Loozee Plain Grey


Loozee Dim Grey

Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75	16	11.52

Material science that shapes the future.



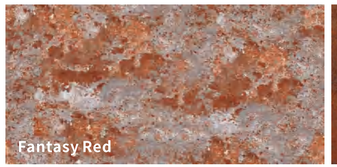


Rusty Slab

Nuée Ardente

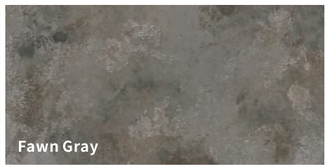

Copper Rust


Gilt


Fantasy Red


Nuée Ardente


Maca Blue


Fawn Gray

Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	2.8(±1)	1220 x 620 x 75	20	14.4
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000) x1200				
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75	16	11.52

Material science that shapes the future.





Mount Celestial

Florence Gold


Plain White


Veil White


Florence Gold

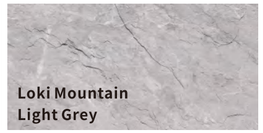

Sunis White


Castol White


Veil Grey

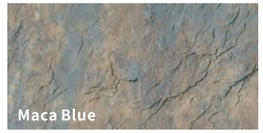

Castol Grey


Mount Lion Yellow


Loki Mountain Light Grey


Veil Yellow


Tunguska Yellow


Maca Blue


Vintage Light


Rock Mottle Brown


Veil Dark Grey


Loki Mountain Medium Grey


Castol Blue


Roman Grey


Mount Lion Reddish Brown


Portoro

Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-4 natural unevenness	1220 x 620 x 75	18	12.96
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	2700 x1200				
	(3000~6000) x1200				
4.0	1200 x 600		1220 x 620 x 75		

Material science that shapes the future.

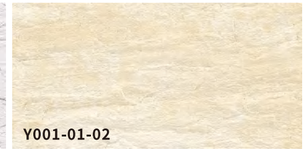




Skyline

Nile Dark Grey


Plain White


Y001-01-02


Nile Light Yellow


Nile Medium Yellow

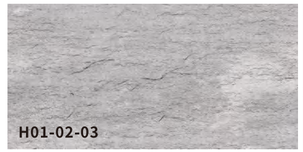

Salento Yellow


Kamu Yellow


Veil White


Nile Warm Grey


Kamu Red


H01-02-03


Nile Cool Grey


Nile Red


Veil Grey


Anna Light Grey


Nile Dark Grey


Maca Blue

Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-4	1220 x 620 x 75	20	14.4
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000) x1200				
4.0	1200 x 600	1-4.5	1220 x 620 x 75	14	10.08

Material science that shapes the future.





Stone Alpes

Anna White


Cloud White


Fog


Tunguska Yellow


Anna White


Cloud Yellow


Roman Red


Andes Yellow


Shellfish Limestone Medium Yellow


Florence Gold


Shellfish Limestone Beige Grey


Maca Blue


Stellar Red

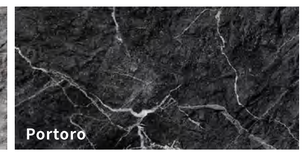

Kamu Yellow


Freespirit Blue-grey


Roman Grey

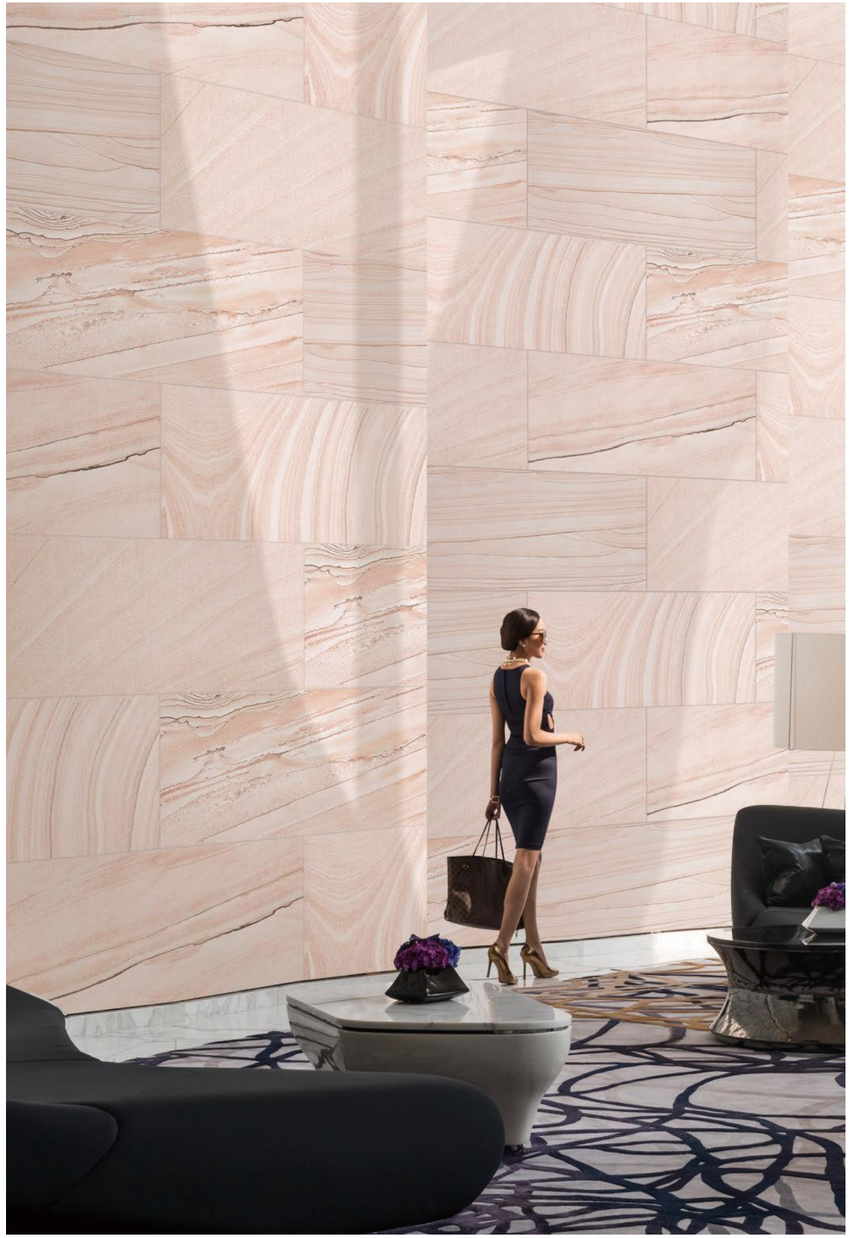

Cloudy Aqua Shadow


Anna Medium Grey


Portoro

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-8 natural unevenness			
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		

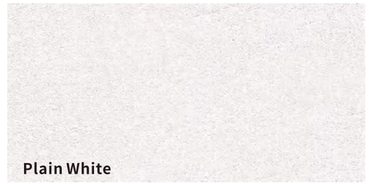
Material science that shapes the future.



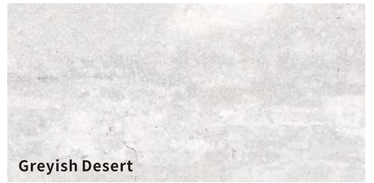


Sandstone

Australia Orange


Plain White

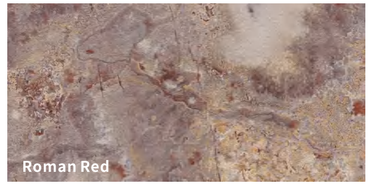

Australia White


Greyish Desert


Australia Orange


Kaman Yellow

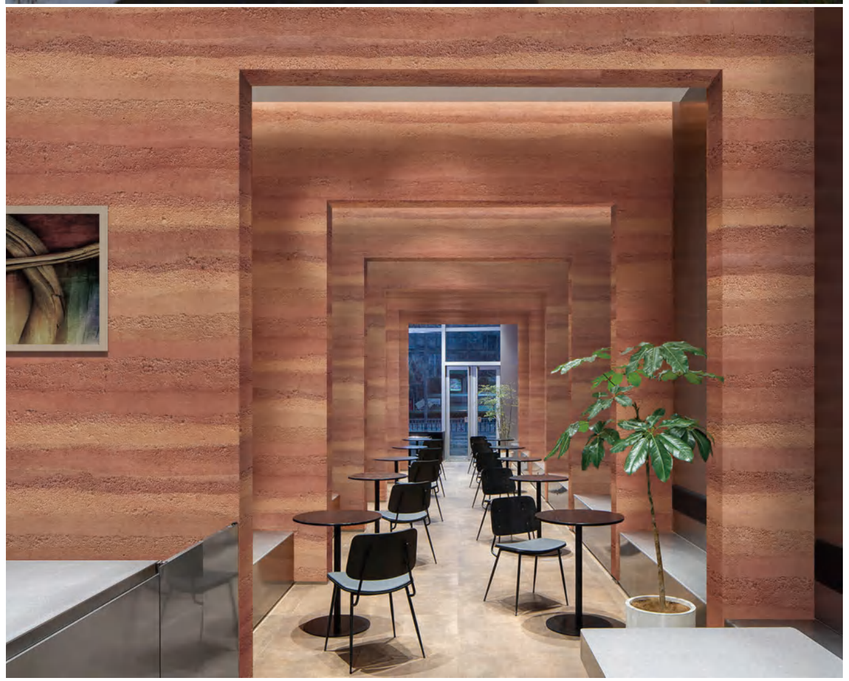

Great Desert


Roman Red

Generation	Standard size (mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	2.8(±1)	1220 x 620 x 75	20	14.4
	2400 x 1200		2420 x 1230 x 14	4	11.52
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75	16	11.52

Material science that shapes the future.



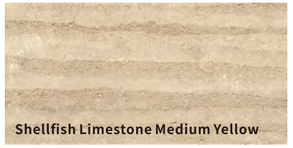




Rammed Earth Wall

Light Brown


Shellfish Limestone Beige Grey


Shellfish Limestone Medium Yellow

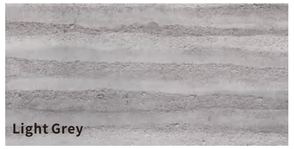

Egyptian Yellow


Yellow


Pop Yellow


Egyptian Orange


Light Brown


Light Grey


Dublin Red


Bataan Yellow


Dublin Gray


Red


Yellow Grey


Medium Grey


Brownish Red

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-5	1220 x 620 x 75	16	11.52
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600		1220 x 620 x 75		

Material science that shapes the future.







Crossard Mushroom Stone

Blue Grey


Plain White


Andes Yellow


Kamu Yellow


Tunguska Yellow


Cloud White


Bro Grey


Multi-Color Blue


Copper Rust


Nile Dark Grey


Anna Medium Grey


Roman Grey


Roman Red


Multi-Color Rust


Portoro

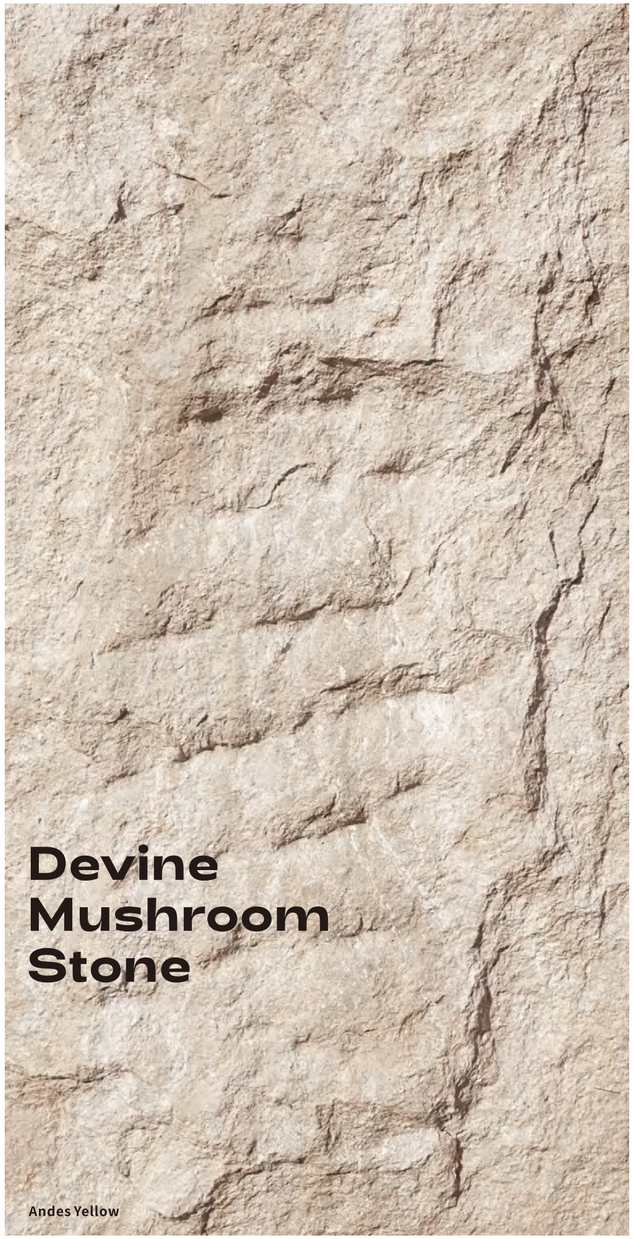

800x400 mm


800x800 mm、300x300mm

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)
3.0	800 x 400	1-10 natural unevenness	Wooden case as per order quantity (subject to packaging fee)
	800 x 800		
4.0	300 x 300		

Material science that shapes the future.





Devine Mushroom Stone

Andes Yellow


Plain White


Andes Yellow


Tunguska Yellow


Kamu Red


Andes White


Gold Sesame


Roman Red


Copper Rust


Loki Mountain Medium Grey


Nile Dark Grey


Bro Grey


Nile Red


Anna Light Grey

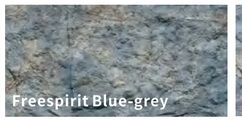

Blue Grey


Multi-Color Rust


Nuée Ardente


Maca Blue


Sahara Noir


Freespirit Blue-grey


Freespirit Blue

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)
3.0	800x400	1-8 natural unevenness	Wooden case as per order quantity (subject to packaging fee)
	1200x600		
	2400x1200		

Material science that shapes the future.





Oblique Mushroom

Nile Light Yellow


Plain White


Veil Grey


Loki Mountain Medium Grey


Nile Light Yellow


Anna White


Tunguska Yellow


Australia Orange


Gold Sesame


Maca Blue


Copper Rust


Multi-Color Rust

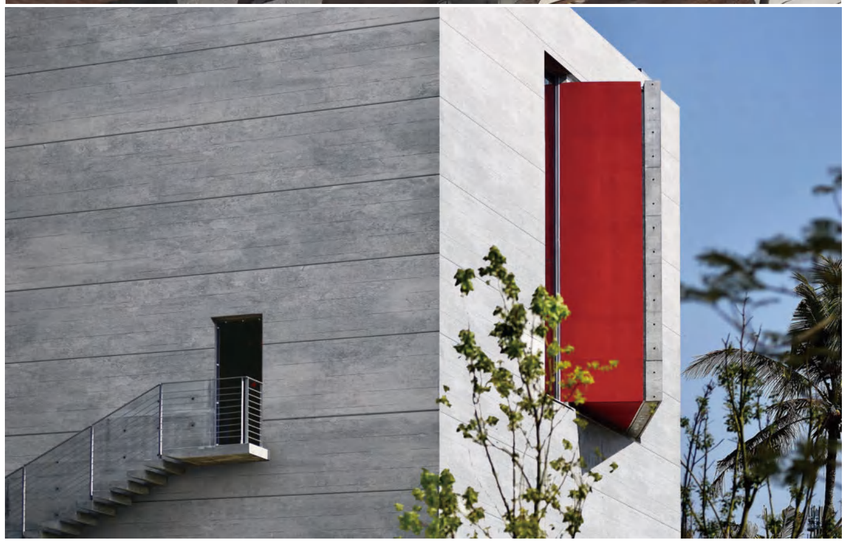

Nile Dark Grey


Bro Grey

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200x 600	1-8 natural unevenness	1220x 620x75	8	5.76
	2400x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		

Material science that shapes the future.







Concrete Pouring Slab

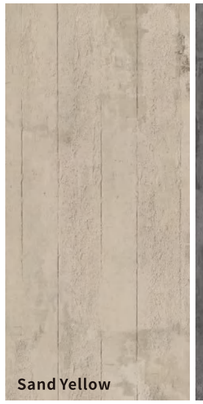
Castle Rock Gray


Plain White


Light Grey


Castle Rock Grey


Fog


Sand Yellow


Ink-Dyed

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)
3.0	1400 x 600	1-3.5	Wooden case as per order quantity (subject to packaging fee)
	2800 x 1200		

Material science that shapes the future.



Arcuate Rock

Thin Clouds Gray



Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1400 x 600	1-8 natural unevenness	1420 x 620 x75	12	10.08
	2800 x 1200		按订货量木箱包装，包装费另计		
4.0	1200 x 600		1220 x 620 x75		



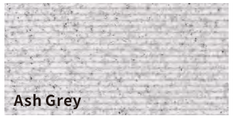


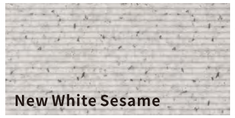


U Stone

Anna White


Plain White

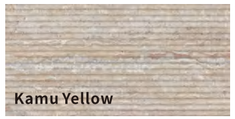

Ash Grey


New White Sesame


Gold Sesame

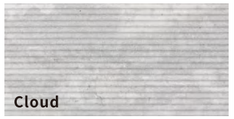

Veil Yellow


Andes Yellow

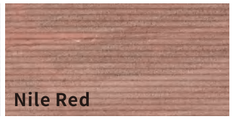

Kamu Yellow


Tunguska Yellow

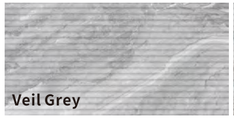

Sunis White


Cloud


Fog


Nile Red


Anna White


Veil Grey


Anna Light Grey


Nile Warm Grey


Arctic Mocha


Playform


Flash Ray Light Grey


Multi-Color Rust

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200 x 600	1-4.5			

Material science that shapes the future.







































Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	600 x 300	1-9 natural unevenness	620 x 320 x 90	8	1.44
	1200 x 600		1220 x 620 x 75	6	4.32
4.0	1200 x 600		1220 x 620 x 75		

Material science that shapes the future.



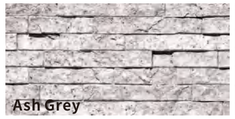




35 Piece Stone

Tunguska Yellow


Plain White


Ash Grey


Loki Mountain Light Grey


Anna Light Grey


Andes Yellow


Kamu Yellow


Gold Sesame


Medium Grey


Cloud Yellow


Mount Lion Yellow


Tunguska Yellow


Multi-Color Rust


Anna White


Vintage Light


Copper Rust


Fantasy Red


Maca Blue


Multi-Color Red


Freespirit Blue-grey


Freespirit Blue

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	600 x 300	1-10 natural unevenness	620 x320x90	10	1.8
	1200 x 600		1220 x 620x75	8	5.76

Material science that shapes the future.





Chiseled Stone

Andes Yellow


Plain White


Ash Grey


Cloud White


Cloud Yellow


Andes White


Andes Yellow


Gold Sesame


Tunguska Yellow


Anna White


Pale Yellow


Vintage Light


Kamu Red


Shellfish Limestone Medium Yellow


Magnolia


Anna Medium Grey


Maca Blue


Bro Grey


Copper Rust


Andes Red


Fantasy Red


Multi-Color Red


Roman Grey


Freespirit Blue


Blue Grey


Florence Gold

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-8.5	1220 x 620 x75	8	5.76
	2400 x 1200		2420 x 1230 x14	2	5.76
4.0	1200 x 600		1220 x 620 x75		

Material science that shapes the future.





Oman Linear Stone

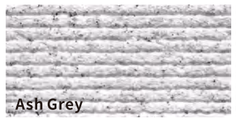
Kamu Yellow


Andes White


Andes Yellow


Nile Medium Yellow


Kamu Yellow


Ash Grey


New White Sesame


Andes Red

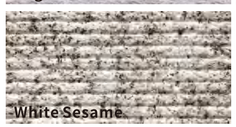

Copper Rust


Fog


Veil Grey

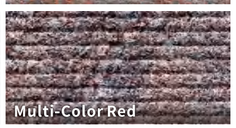

Nile Dark Grey


Fantasy Red

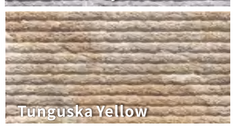

White Sesame


Loki Mountain Medium Grey


Freespirit Blue-grey


Multi-Color Red


Gold Sesame

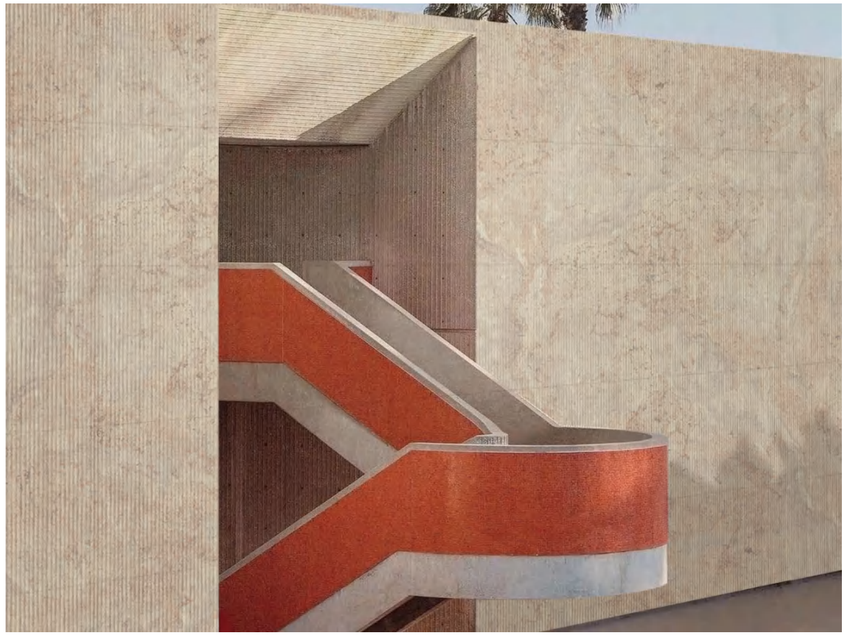

Tunguska Yellow


Florence Gold

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350x600	1-9	1380 x 620 x65	8	6.48
	2700x600		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(2700-6000) x1200				
4.0	1200x600	6.2 (±0.5)	1220 x 620 x65	8	5.76

Material science that shapes the future.







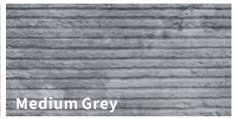
Flat Linear Stone

Tunguska Yellow


Plain White


New White Sesame


Fog


Medium Grey


Andes Yellow


Anna White


Anna Light Grey


Anna Medium Grey


Kamu Yellow


Gold Sesame

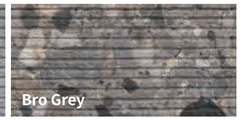

Veil Grey


Greyish Brown


Shellfish Limestone Medium Yellow


Saudi Gold


Flash Ray Light Grey

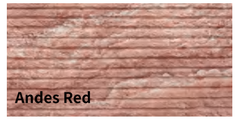

Bro Grey


Tunguska Yellow


Freespirit Blue-grey


Flash Ray Grey


Nile Dark Grey


Andes Red

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-8	1220 x 620 x75		
	2400 x 1200		按订货量木箱包装, 包装费另计		
4.0	1200 x 600		1220 x 620 x75		

Material science that shapes the future.





Stone Ridged

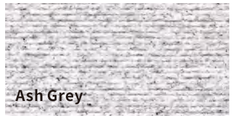
Andes White


Plain White


Cloud White

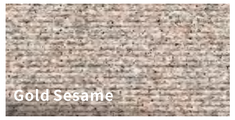

Andes White


Andes Yellow

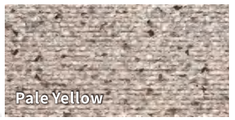

Ash Grey


New White Sesame


Nile Medium Yellow


Gold Sesame


White Sesame


Pale Yellow


Kamu Yellow


Multi-Color Rust


Loki Mountain Medium Grey


Maca Blue

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-4.5	1220 x 620 x75	16	11.52
	2400 x 1200		2420x1230x14	4	11.52
4.0	1200 x 600		1220 x 620 x75		

Material science that shapes the future.





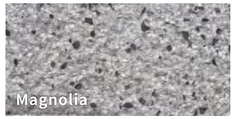
Bush Hammered

Pale Yellow


Ash Grey


Washed-out White


Pale Yellow


Magnolia

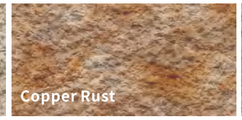

New White Sesame


Gold Sesame

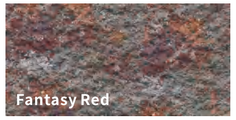

Black Sesame

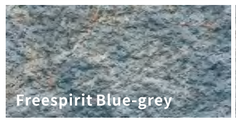

Bro Grey


Tunguska Yellow


Copper Rust


Roman Red


Fantasy Red


Freespirit Blue-grey


Roman Grey


Multi-Color Red

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	900 x 600	1-3.5	920 x 620 x 80	20	10.08
	1380 x 600		1400 x 620 x 65	18	14.904
	2760 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600	1-4	1220 x 620	14	10.08

Material science that shapes the future.







Scabbled Stone

Tunguska Yellow


Ash Grey


New White Sesame


White Sesame


Tunguska Yellow


Gold Sesame

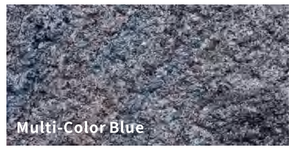

Pency


Beauty

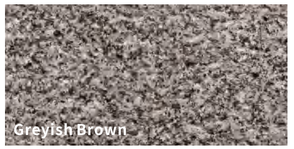

Snow Flake Red


Multi-Color Rust


Black Sesame


Multi-Color Blue


Multi-Color Red

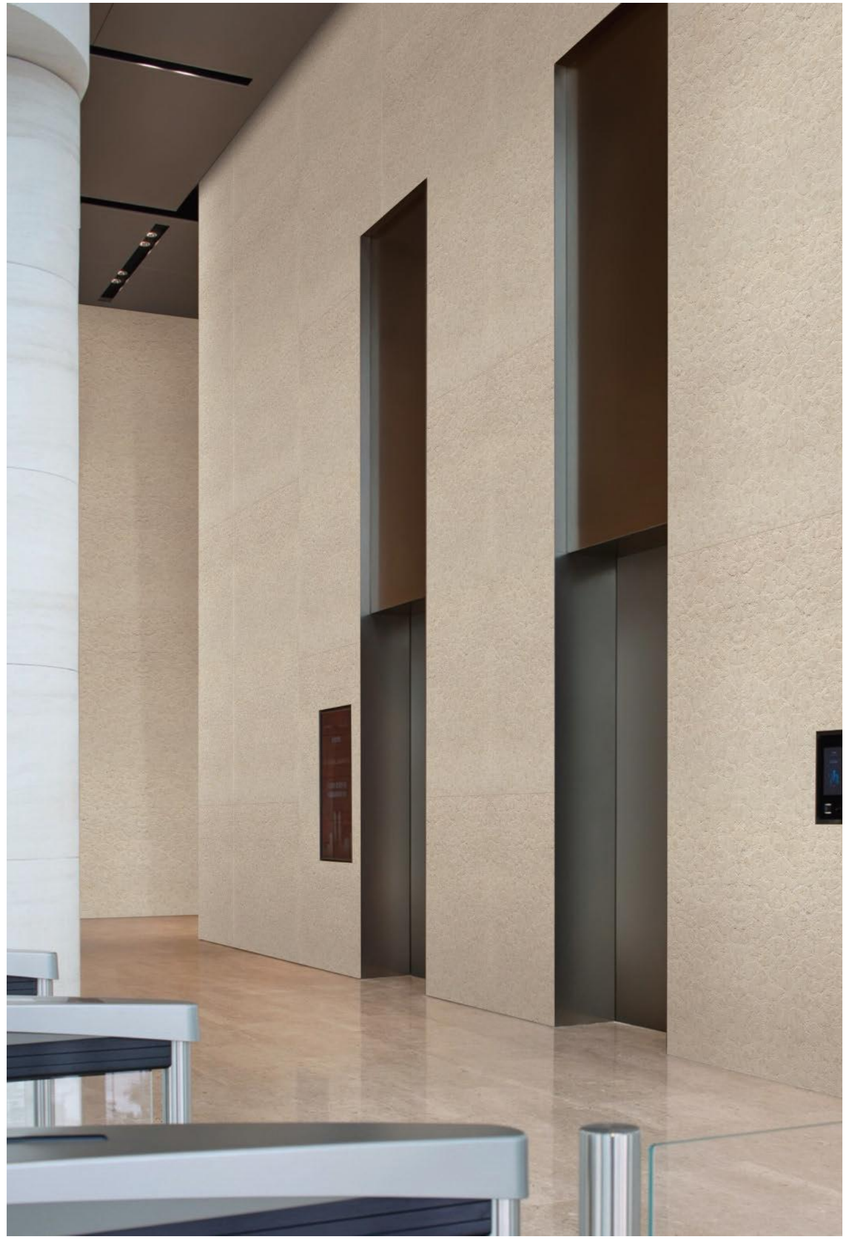

Greyish Brown


Bro Gray


Freespirit Blue-grey

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	900 x 600				
	1380 x 600				
	2760 x 1200				
4.0	1200 x 600				

Material science that shapes the future.





Butterfly Stone

Spanish Beige


Plain White


WN01


HN02


BN02


ON02


FN04


New White Sesame


Fog


Nile Light Yellow

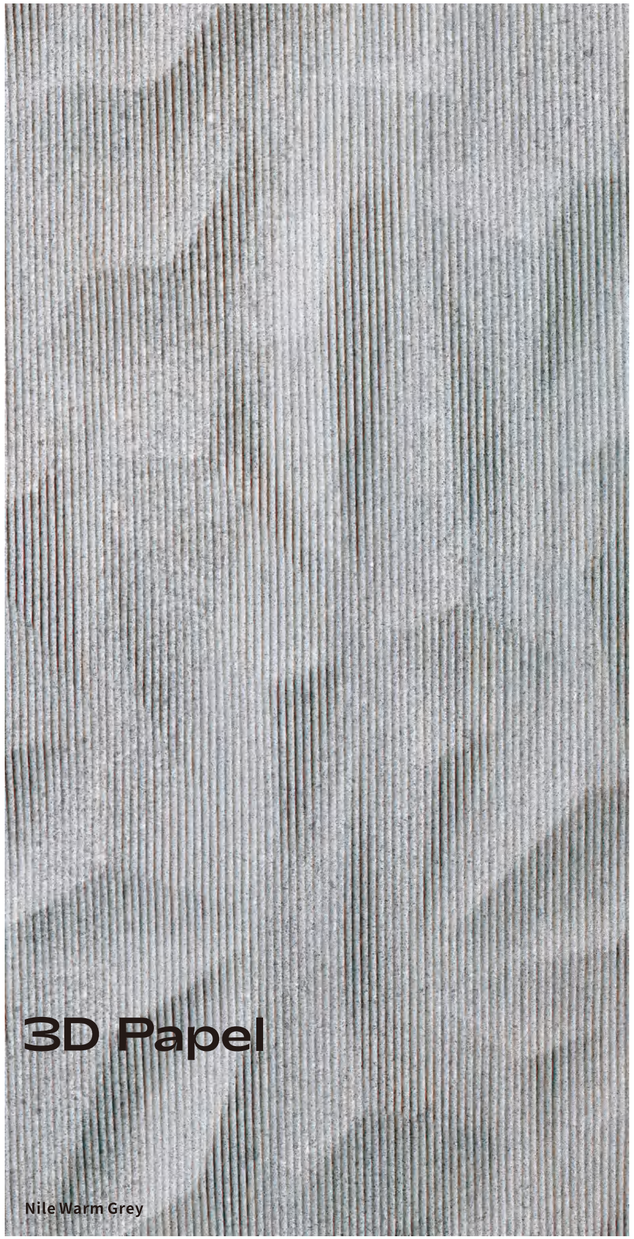

Andes Yellow


Spanish Beige

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	2600 x 1200	3.5(±1)			
4.0	1200 x 600				

Material science that shapes the future.



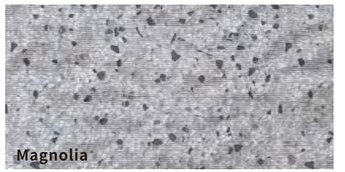


3D Papel

Nile Warm Grey



Plain White



Magnolia



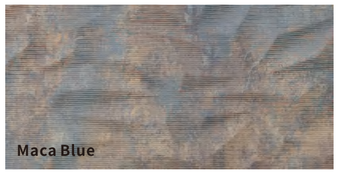
Ash Grey



Nile Light Yellow



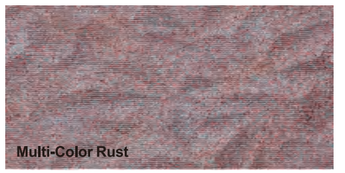
Andes Yellow



Maca Blue



Vintage Light



Multi-Color Rust



Copper Rust

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-9	1220 x 620x75	8	5.76
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		

Material science that shapes the future.



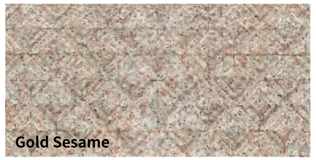


Stackle Square

Andes Yellow


Plain White


Andes Yellow

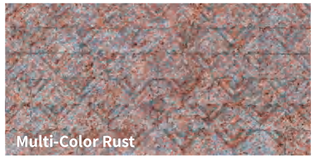

Gold Sesame


Ash Grey


Tunguska Yellow


Kamu Yellow


Loki Mountain Light Grey


Multi-Color Rust


Roman Grey


Copper Rust

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	600 x 600	1-7.5	620x620x90	12	4.32
4.0	1200 x 600		1220x620x75	10	7.2

Material science that shapes the future.







Rockface Stone

Tunguska Yellow


Plain White


Ash Grey


Andes Yellow


Kamu Yellow


Beauty


Tunguska Yellow


Kamu Red


Copper Rust


Shellfish Limestone Medium Yellow


Nile Red


Multi-Color Rust


Roman Red


Florence Gold

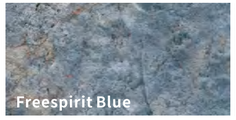

Stellar Grey


Roman Grey


Fantasy Red


Anna Light Grey


Bro Grey


Freespirit Blue


Portoro


Anna Medium Grey


Blue Dark Grey


Ice Age Blue

Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-10 natural unevenness	1220x620x75	6	4.32
	1200 x 1200				
	2400 x 1200				

Material science that shapes the future.







Royal Design

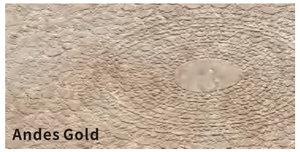
Spanish Beige

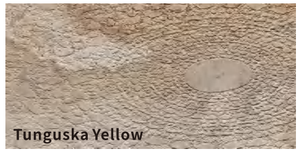

Plain White

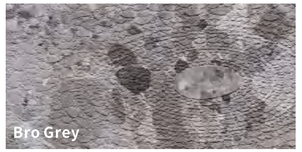

New White Sesame

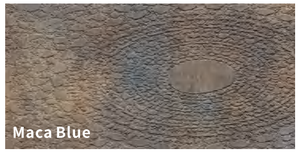

Spanish Beige

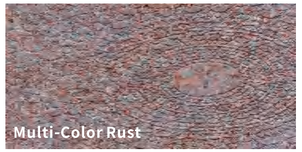

Nile Warm Grey


Andes Gold


Tunguska Yellow


Bro Grey


Maca Blue


Multi-Color Rust

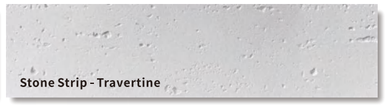
Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600				
	2400 x 1200				
4.0	1200 x 600				

Material science that shapes the future.

Stone Strip Combo

Texture options







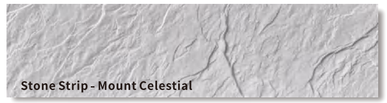












Primary colors: Plain White

Texture	Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
Stone Strip - Rockface Stone	3.0	480x120	1-10 natural unevenness			
		960x120				
Stone Strip - Travertine	3.0	480x120	3.3(±1)			
		960x120				
Stone Strip - Stone Ridged	3.0	480x120	1-3.5			
		960x120				
Stone Strip - Devine Mushroom Stone	3.0	480x120	1-8 natural unevenness			
		960x 120				
Stone Strip - Bush Hammered	3.0	480x120	1-3.5			
		960x120				
Stone Strip - Rough Surface	3.0	480x120	1-6 natural unevenness			
		960x120				
Stone Strip - Marble	3.0	480x120	2.8(±1)			
		960x120				
Stone Strip - Sandstone	3.0	480x120	2.8(±1)			
		960x120				
Stone Strip - Mount Celestial	3.0	480x120	1-4			
		960x120				





Example of mixed effect - partial view



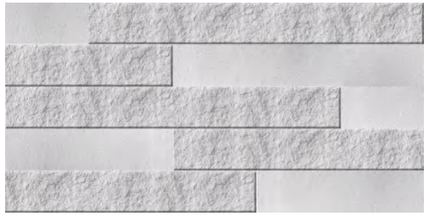
Texture: Marble, Rough Surface, Mount Celestial, Travertine, Rockface Stone, Stone Ridged, Bush Hammered, Sandstone, Devine Mushroom Stone.



Texture: Marble, Rough Surface, Mount Celestial, Travertine, Rockface Stone, Stone Ridged, Bush Hammered, Sandstone, Devine Mushroom Stone.



Texture: Rough Surface, Stone Ridged, Bush Hammered, Travertine



Texture: Marble, Rough Surface


Reducing Deforestation,
Saving Earth's Ozone Layer
Wood Series







Spliced Wood

Silk-mist Brown



Plain White



Cangshan Mountain Gray



Twilight Mountain Gray



Vintage Light



Sand Yellow



Silk-mist Brown

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1400 x 600	2.8(±1)			
	2800 x 1200		Wooden case as per order quantity (subject to packaging fee)		

Material science that shapes the future.

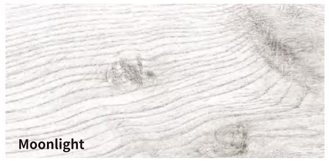






Poly Wood

Autumn


Moonlight


Yoly

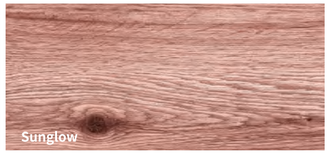

Sunset Yellow


Orange

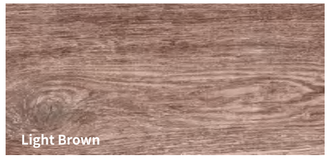

Autumn


Peach

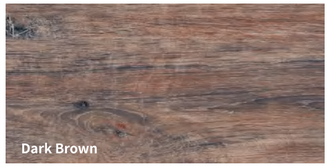

Brownish Yellow


Sunglow


Plain Brown


Light Brown


Caesious


Dark Brown

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 300	2.8(±1)	1380 x 620 x 65	42	17.01
	2700 x 300		Wooden case as per order quantity (subject to packaging fee)		
	2700 x 1200				





Original Wood

Yoly


Moonlight


Sunset Yellow


Layered Rock


Yoly

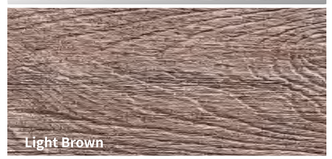

Caesious


Peach


Autumn


Sunglow


Brownish Yellow


Light Brown


Plain Brown


Dark Brown

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 300	2.8±1	1380 x 620 x 65	42	17.01
	2700 x 300		Wooden case as per order quantity (subject to packaging fee)		
	2700 x 1200				
4.0	1200 x 600				

Material science that shapes the future.





Sawtooth Wood

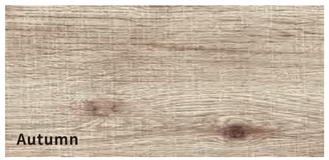
Caesious


Moonlight


Yoly


Sunset Yellow


Orange


Autumn


Peach


Brownish Yellow


Sunglow


Plain Brown


Light Brown


Caesious


Dark Brown

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 300	2.8±1	1380 x 620 x 65	42	17.01
	2700 x 300		Wooden case as per order quantity (subject to packaging fee)		
	2700 x 1200				
4.0	1200 x 600				

Material science that shapes the future.





Polished Wood

Perth Grey



Perth White



Perth Grey



Steinburg Yellow



Sunset Yellow



Robe Red



Dark Brown

Generation	Standard size (mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
4.0	1200x600	3.2	1220 x 620 x 75	16	11.52

Material science that shapes the future.


Material technology,
integrated with ethnic customs
Weaving Series







W Weaving

O01



WN01



HN02



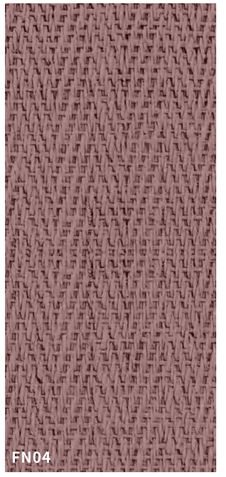
BN02



O01



RN03

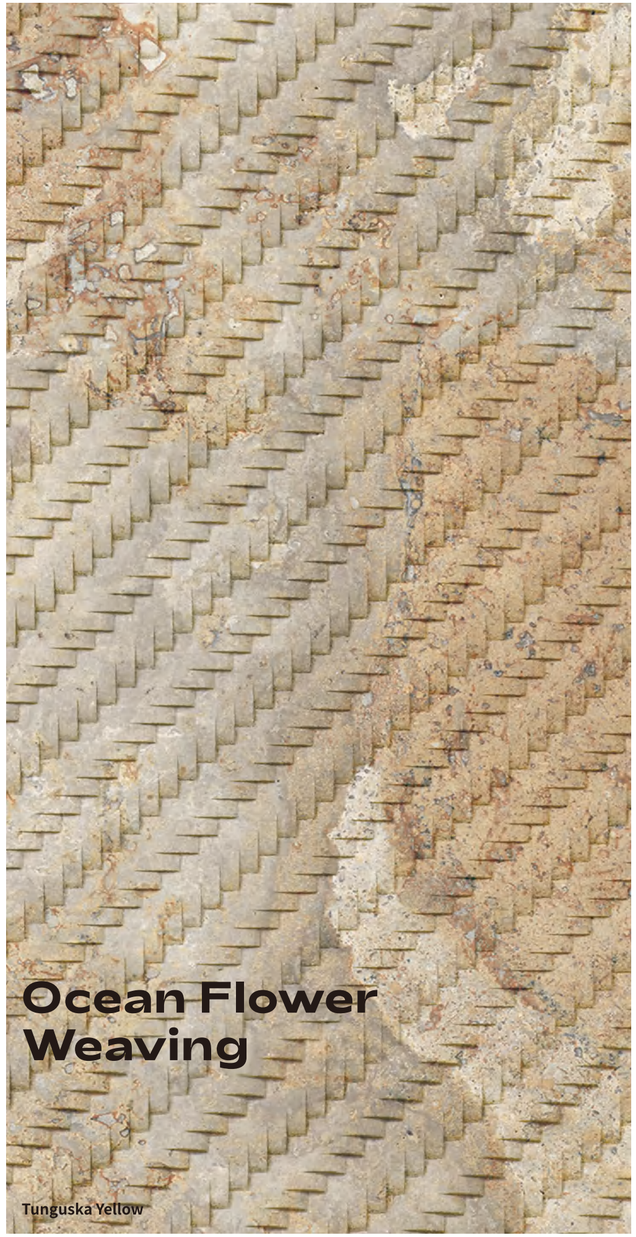


FN04

Generation	Standard size (mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1350 X 600	1-4	1370 X 620 X90	8	6.48
	2700 X 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200X 600				

Material science that shapes the future.

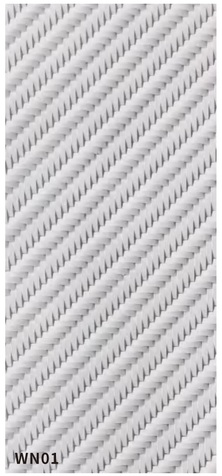


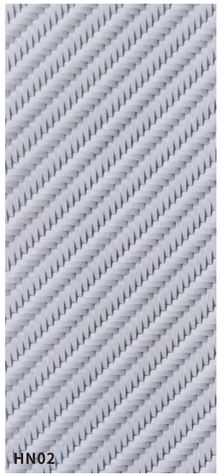


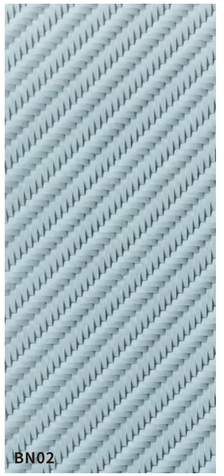
Ocean Flower Weaving

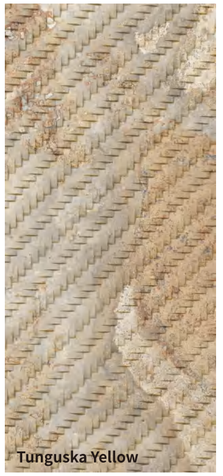
Tunguska Yellow

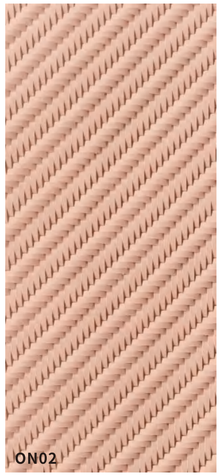

Castol Blue

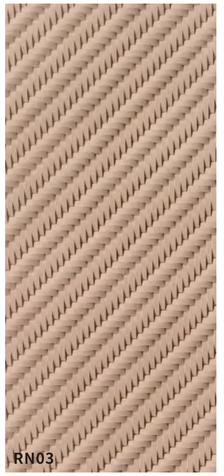

WN01


HN02


BN02


Tunguska Yellow


ON02


RN03


FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-4	1220 x 620 x 75	14	10.08
	1200 x 1200		Wooden case as per order quantity (subject to packaging fee)		
	2400 x 1200				
4.0	1200 x 600				

Material science that shapes the future.

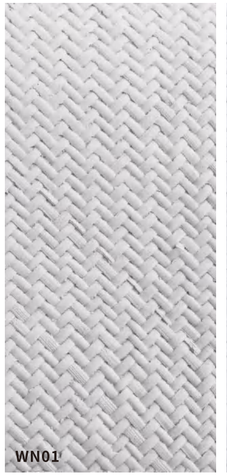




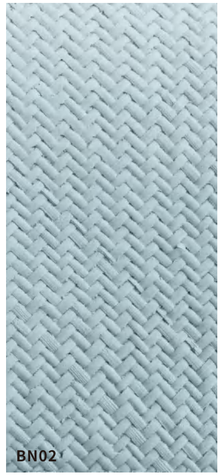


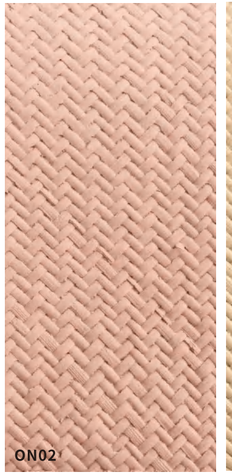
W Herringbone

O03

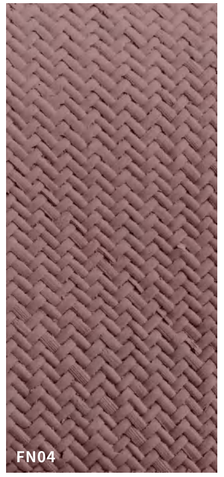

WN01


HN02


BN02


ON02


O03


FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-4	1220 x 620 x 75	16	11.52
	1200 x 1200		Wooden case as per order quantity (subject to packaging fee)		
	2400 x 1200				
4.0	1200 x 600				

Material science that shapes the future.





Rope Wave A

HY001



HY001



HN02



BN02



ON02



RN03

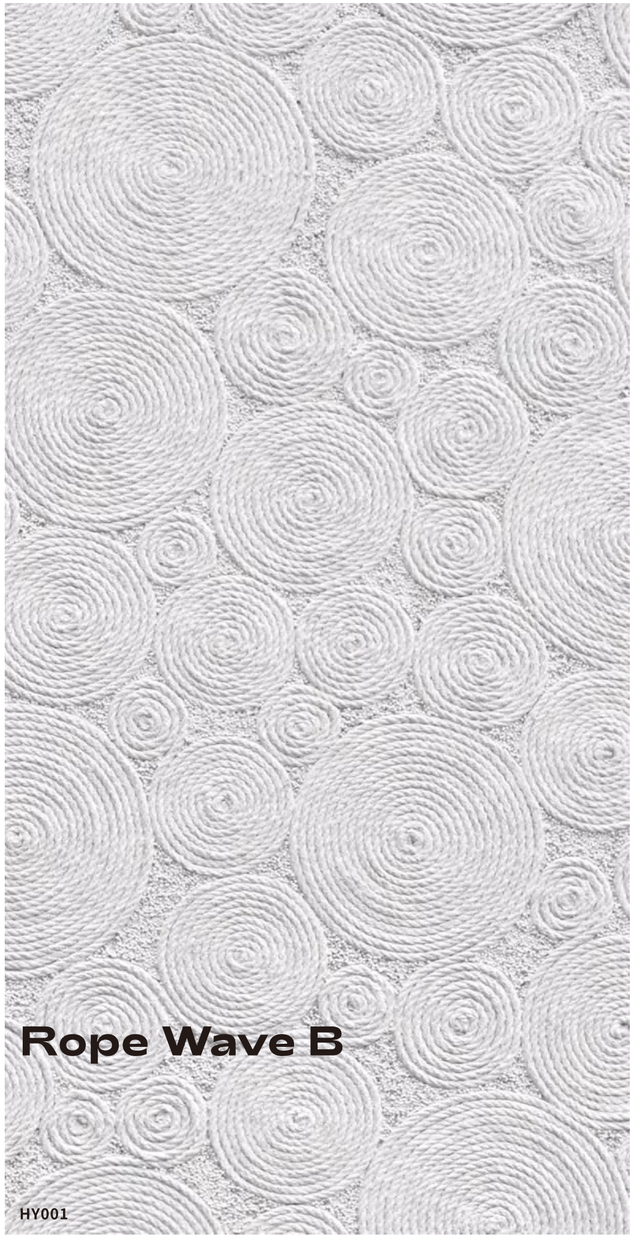


FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 600	1-4	1370 x 620 x90	18	14.58
	2700 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				

Material science that shapes the future.





Rope Wave B

HY001


HY001


HN02

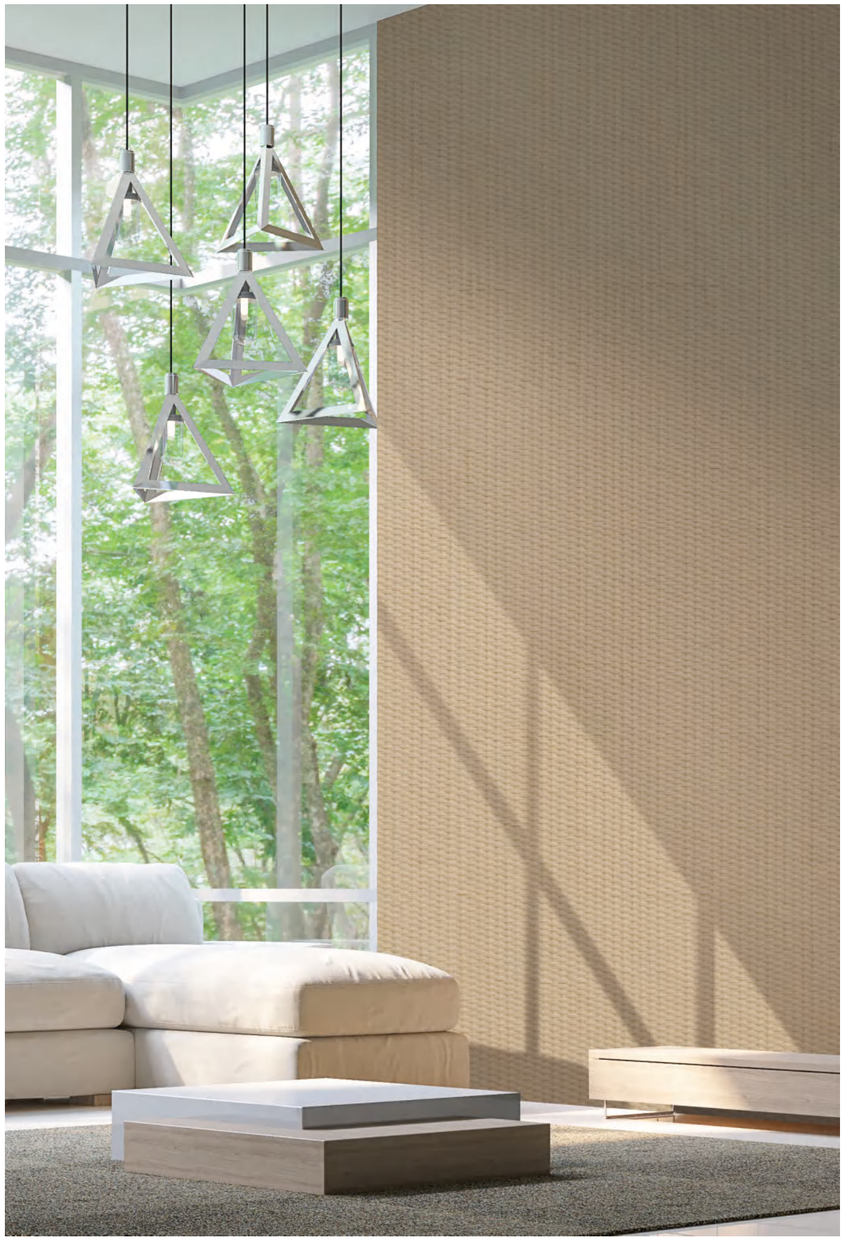

BN02

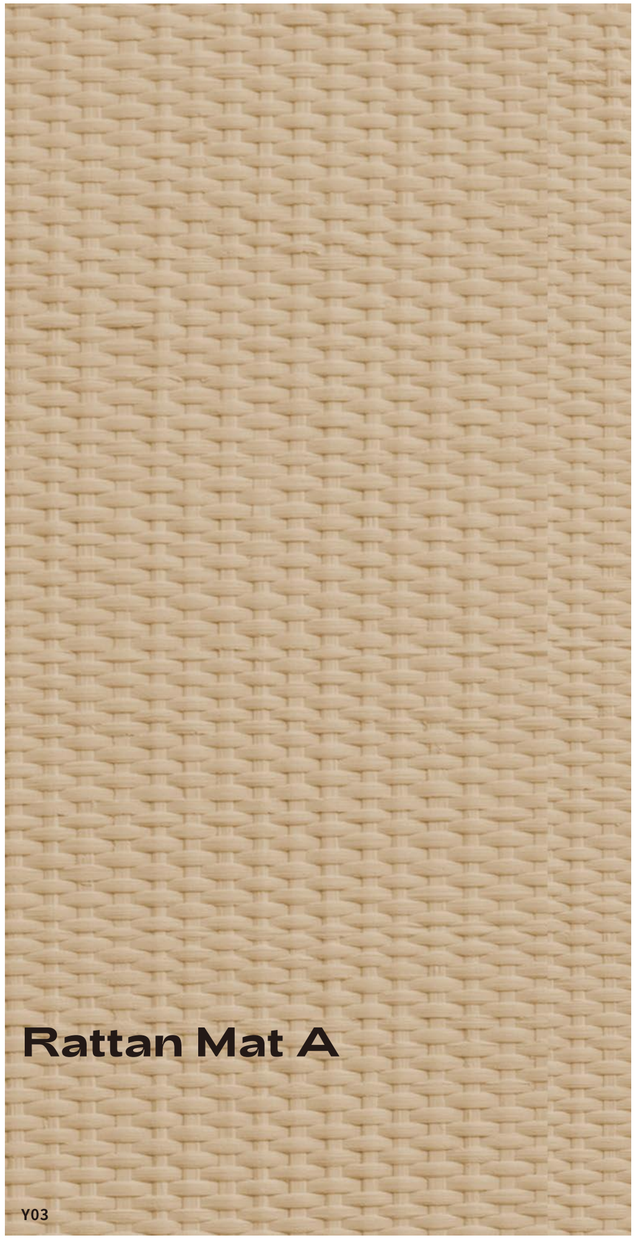

ON02


RN03


FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 600	1-4	1370 x 620 x90	18	14.58
	2700 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				





Rattan Mat A

Y03



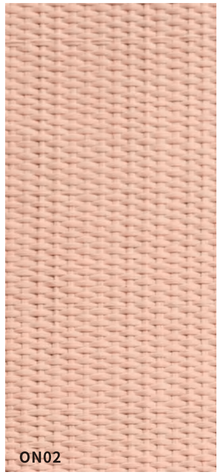
WN01



HN02



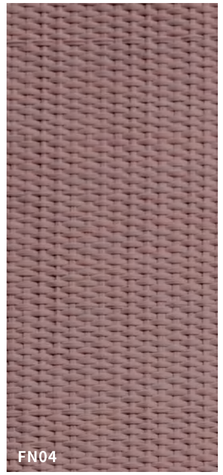
BN02



ON02



Y03



FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 600	1-4	1370 x 620 x90	18	14.58
	2700 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				

Material science that shapes the future.



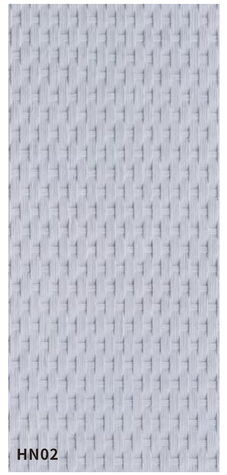


Rattan Mat B

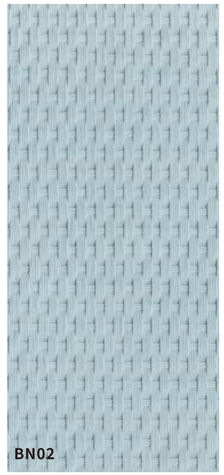
HY001



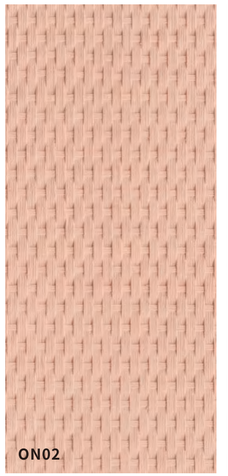
HY001



HN02



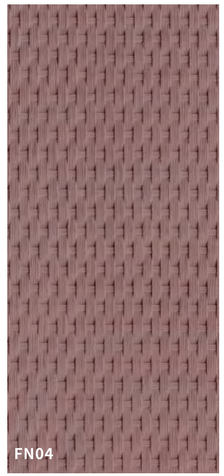
BN02



ON02



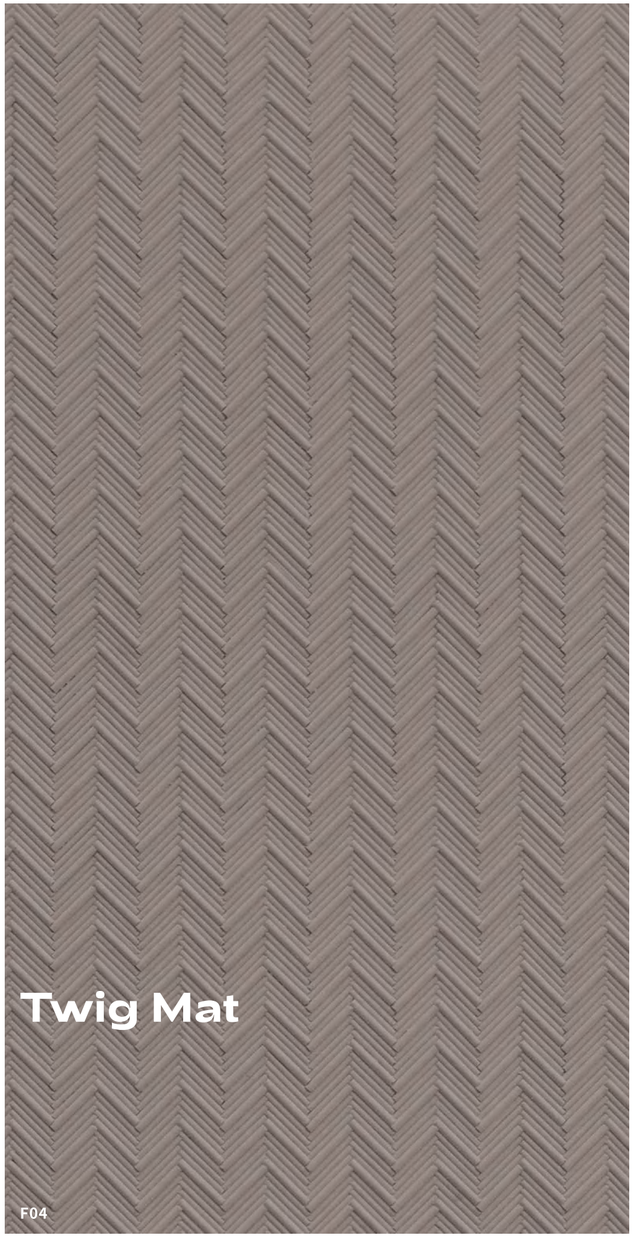
RN03



FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	3(±0.5)	1220 x 620 x75	16	11.52
	2400 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				





Twig Mat

F04


WN01


HN02


BN02


ON02


F04


FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 600	1-4	1380 x 620 x75	12	12.15
	2700 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				

Material science that shapes the future.





Rattan Knit A

Y03



WN01



HN02



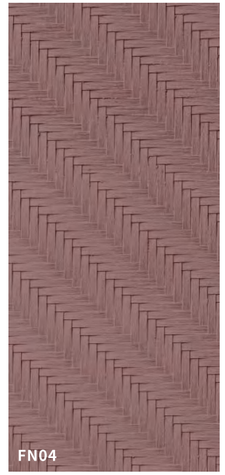
BN02



ON02



Y03



FN04

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 600	1-4	1370 x 620 x90	18	14.58
	2700 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				

Material science that shapes the future.


Showcasing a diverse
collection of global bricks,
Exploring the rich history and
evolution of brick architecture.
Brick Series







G Facing Brick

Os Cyan


Idyllic White

Idyllic Yellow


Idyllic Brown


Idyllic Orange


Kata White


Kata Silver

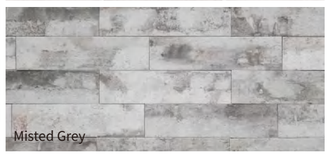

Kata Yellow


Kata Orange

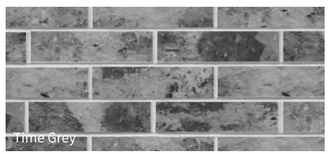

Snowy White


Snowy Brown


Misted White

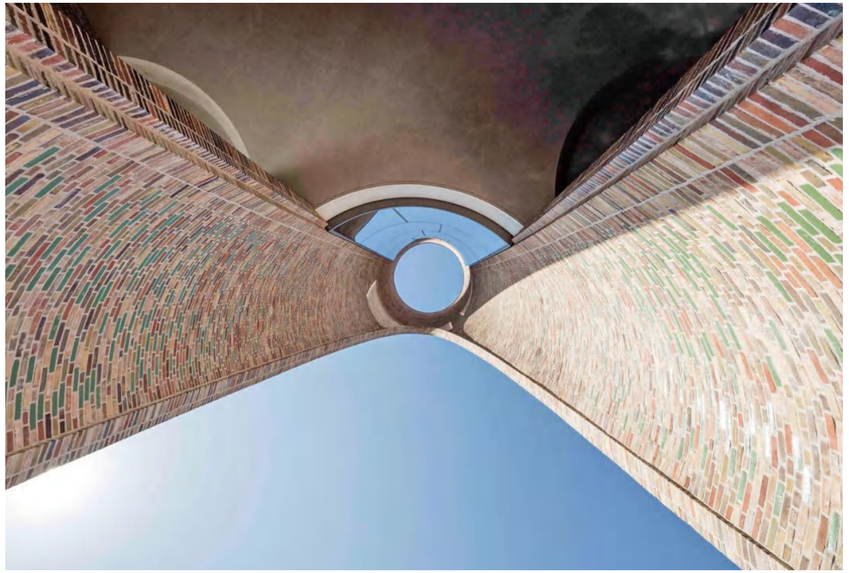

Misted Grey


Time White


Time Grey

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	480x120	2.5 (±0.5)			

Material science that shapes the future.







G Facing Brick

Os Red


Idyllic Medium Grey


Inks Dark Brown


Palace Orange-green


British Blue


Inks Grey


Inks Cyan


Knight Grey

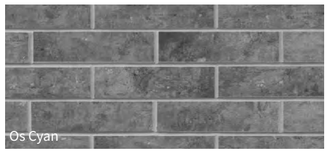

Knight Cyan


Palace Brown-green


Os Orange


Nilo Brown


Knight Red


Os Cyan


Os Red

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	480x120	2.5 (±0.5)			

Material science that shapes the future.







Stone Brick

Kamu Yellow


Polish Concrete Wall Fog


Polish Concrete Wall Medium Grey


Kamu Grey

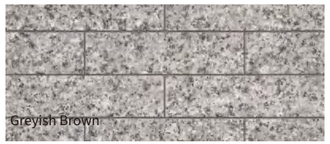

Anna White

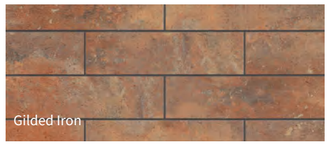

Kamu Yellow


Anna Medium Grey

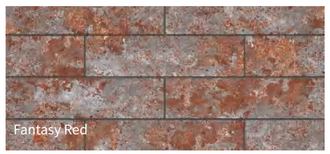

Gold Sesame

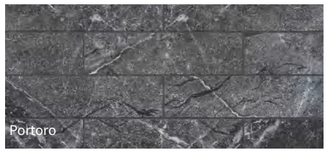

Copper Rust Red


Greyish Brown


Gilded Iron


Multi-Color Red


Fantasy Red


Portoro


Maca Blue

Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	480x120	2.5 (±0.5)			

Performance comparison between eCovering and traditional building decorative materials

No./ Performance			eCovering	Ceramic Slab	Wall Cloth	Natural Stone	Coating				Wood Veneer		PVC Panel
							Emulsion Paint	Diatom Mud	Mud Paint	Inorganic painting	Wood Veneer	Artificial Wood Veneer	
1	**Fire Sately**		A Class	A Class	C Class	A Class	C Class	A Class	A Class	B Class	C Class	C Class	B Class
2	Environmental Friendliness	Application	Excellent, UL certificate	Good, Environmental Labeling	Depends on quality. VOCs are typically above safe figures level	Depends on quality. Some varieties are radioactive	Poor VOCs are typically above safe figures level	Good No VOC release	Good No VOC release	Depends on quality	Depends on quality	Poor VOCs are typically above safe figures level	Depends on quality. VOCs are typically above safe figures level
		Production process	3R* principles matched Low Energy Consumption Zero Emission Zero Pollution Renewable	Fails to match 3R* principles High Energy Consumption High Emission High Pollution Non-renewable	Depends on quality	Fails to match 3R* principles High Energy Consumption High Emission High Pollution Non-renewable	Depends on quality	Fails to match 3R* principles Destroy Nature Non-renewable	3R* principles matched Low Energy Consumption Zero Emission Zero Pollution	Depends on quality	Fails to match 3R* principles Destroy Nature Non-renewable	Fails to match 3R* principles High Energy Consumption High Emission Non-renewable	Fails to match 3R principles High Energy Consumption Non-renewable
3	**Moisture Absorption and Dampproof capacity**		Excellent in moisture proofing. Keeps structure dry in wet conditions	Non-moisture proof Condensation in wet conditions	Non-moisture proof Condensation in wet conditions	Non-moisture proof Condensation in wet conditions	Non-moisture proof Condensation in wet conditions	Excellent in moisture proofing. Keeps structure dry in wet conditions	Excellent in moisture proofing. Keeps structure dry in wet conditions	Non-moisture proof Condensation in wet conditions	Non-moisture proof Condensation in wet conditions	Non-moisture proof Condensation in wet conditions	Non-moisture proof Condensation in wet conditions
4	**Moldproof**		Good	Good	Poor	Good	Poor	Varies in quality	Good	Varies in quality	Poor	Good	Good
5	**Breathability**		Excellent	Poor	Poor	Excellent	Poor	Excellent	Excellent	Good	Excellent	Poor	Poor
6	**Air-cleaning capacity**		Able to absorb and decompose formaldehyde and odor due to its catalytic UV feature.	Unable to absorb formaldehyde Some are able to decompose formaldehyde on the surface	No	No	No	Able to absorb and decompose formaldehyde and odor	Able to absorb and decompose formaldehyde and odor	No	No	No	No
7	**Durability**		Durable No edge lifting Fastness Moldproof No emptying swell**	Durable No edge lifting Fastness Emptying swell**	Not durable, remains shape for 1-2 years Color fading Easy to mildew	Durable No edge lifting Fastness Emptying swell**	Not durable Fades fast, especially dark colors Easy to mildew	Not durable No peeling Softening with water Powdering	Durable No peeling Fastness Moldproof Remains hard effected by water	Durable Fastness Moldproof Remains hard effected by water	Not durable Easy rots Easy to mildew	Not durable Easy to deform Edge lifting Color shading	Durable No edge lifting Moldproof No emptying swell
8	**Salt Spray Resistance**		Good	Good	Good	Good	Poor	Poor	Good	Good	Poor	Poor	Good
9	**Application/ construction method complexity**		Simple, No anchoring required	Complex	Simple	Complex	Simple	Complex	Situation Depends	Complex	Simple	Simple	Simple

* 3R principles refer to reducing，reusing and recycling.

** Emptying Swell refers to an effect caused by a high air pressure created in the cavity under the low/none-air permeable cladding that causes its detachment from the surface.



PHOMI®
econiclay

Certification

1. BUREAU VERITAS Product Carbon Footprint Verification Certification
2. UL: American Conference of Governmental Industrial
3. EU EPD Environmental Product Certification
4. EU CE certification and Class A fireproof certification
5. Russia (GoST) standard certification
6. Polish Conference of Governmental Industrial
7. TPAT Customs-Trade Partnership
8. 2014/90/EU MED 96/98/ECe 2014/
9. Czech Republic fire safety A Class
10. Russia fire safety A Class
11. Malaysia fire safety A class
12. Singapore Greenlable Green certification
13. Korea Green Building Material certification
14. UNIEN ISO 14021: Products contain at least 40 percent recyclable material before consumption
15. China certification and Class A fireproof certification
16. UNIEN ISO9001 National Quality Management System certification
17. China National Safety Standardization Production Certificate
18. China National Occupational Safety and Health Management System Administration
19. CCEP(China Certification for Environmental Products)
20. China 3-star Greenlable Green certification

BV Certification | US Patent Patent No. US 10030682 B2; US 10155694 B1 | EU Patent Patent No. EU3139 | International Organization for Standardization Certification No. QMC/ON:135176AC | EU EPD Environmental Product Certification | U.S. UL Green Guard Certification | EU Hospital Material Certification | Singapore Green Label Certification No. 0244513-2210 | CE certification