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econiclay coverings

2026 Product Catalog



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2026.3

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 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	Ø 2 mm	Ø 200 mm	Ø 300 mm	Ø 400 mm	Ø 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.

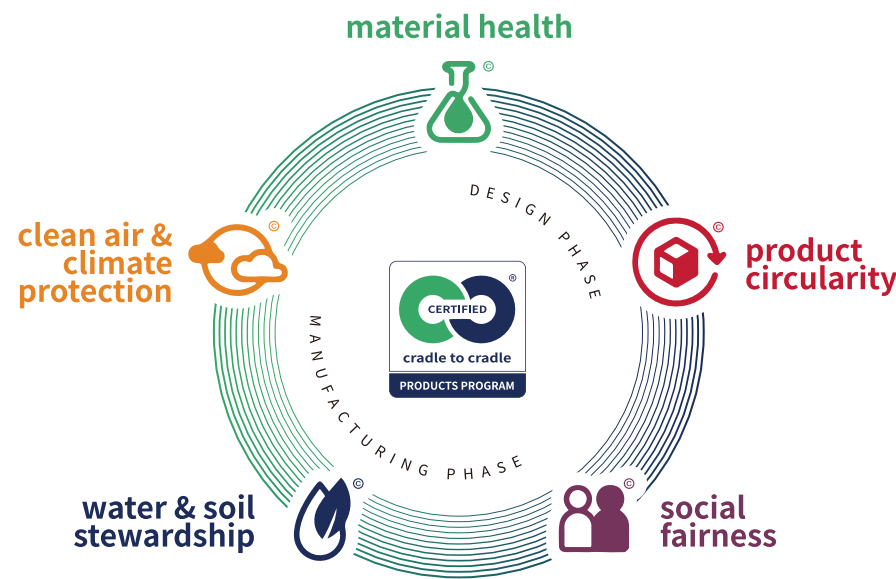
4.0 eCovering's Scientific Solution

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-occurring 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.

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.

Production process

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



Transportation

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

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.

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.

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.

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.

eCovering has successfully obtained BUREAU VERITAS Product Carbon Footprint Verification Certification



The carbon emission of 1m² of eCovering is **1.02kg CO₂e**.

eCovering produces **95.4% CO₂e** than conventional **tiles**

eCovering produces **98.63% CO₂e** than conventional **stone**

An aerial photograph of a massive stone quarry carved into a steep, rocky mountain slope. The quarry features numerous terraced levels and winding access roads. The surrounding landscape is rugged, with patches of green vegetation and steep, rocky cliffs. The sky is clear and blue.

**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



Coral Travertine

Stratus Light Grey



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



Rome Travertine

Andes Yellow



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



Lane Crawford Travertine

Anna White



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



Ghana Travertine

Sairo Grey



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		



Anthill Travertine

Stellar Yellow



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



Cloud Silk Travertine

Ash Grey

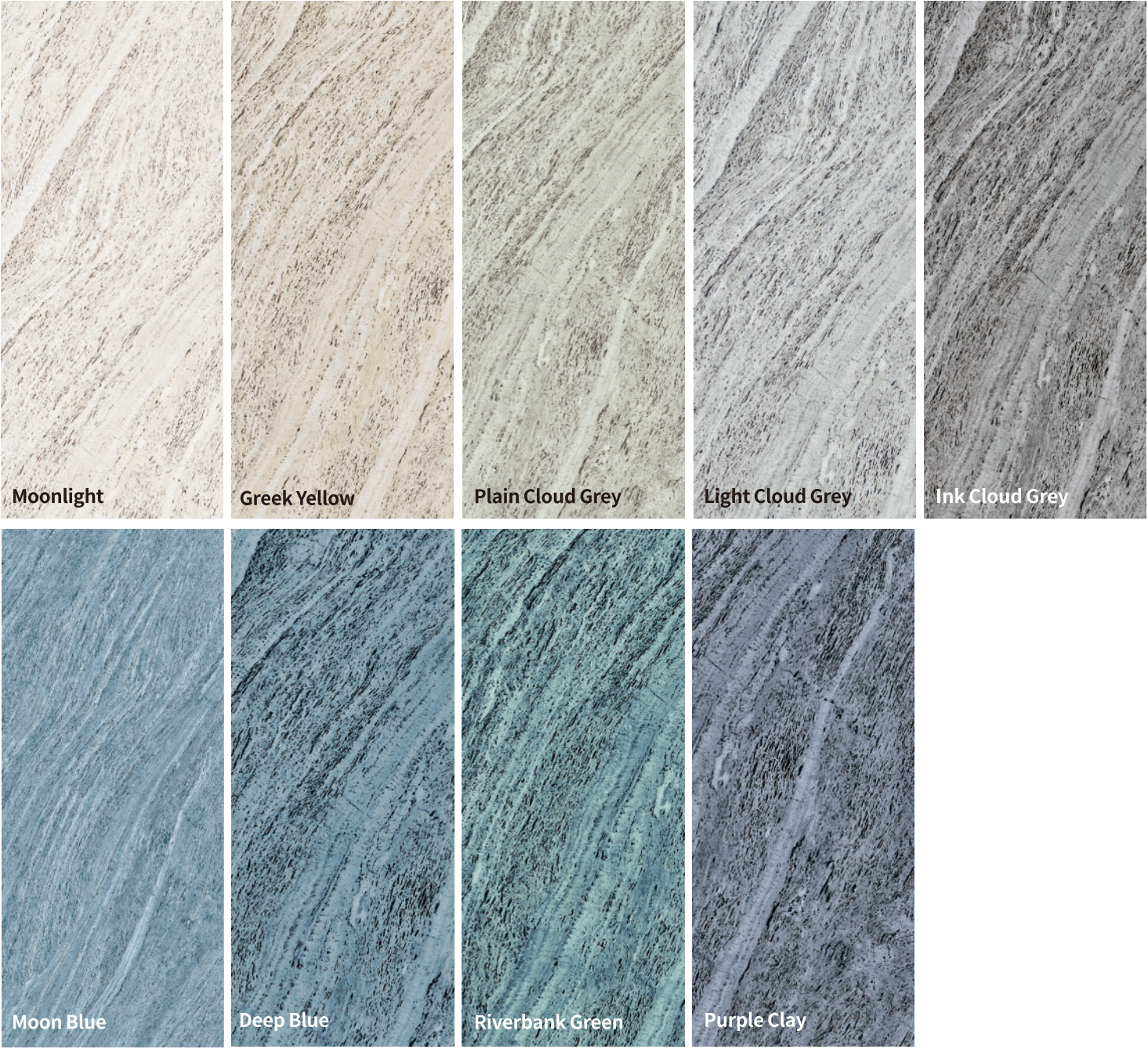


Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200x600	1-4	1220x620x75	14	10.08



Oceanic Travertine

Greek Yellow



Moonlight

Greek Yellow

Plain Cloud Grey

Light Cloud Grey

Ink Cloud Grey

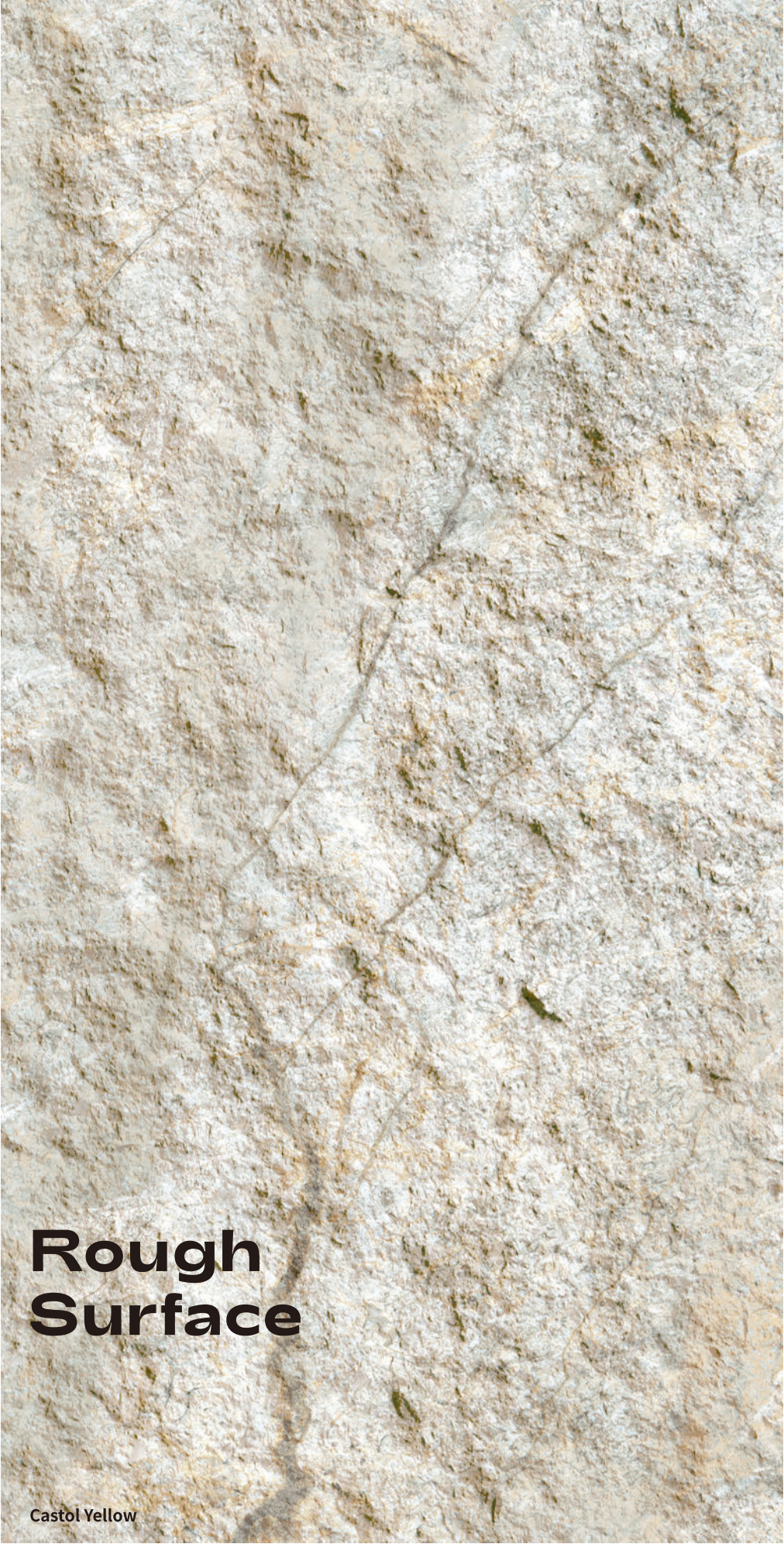
Moon Blue

Deep Blue

Riverbank Green

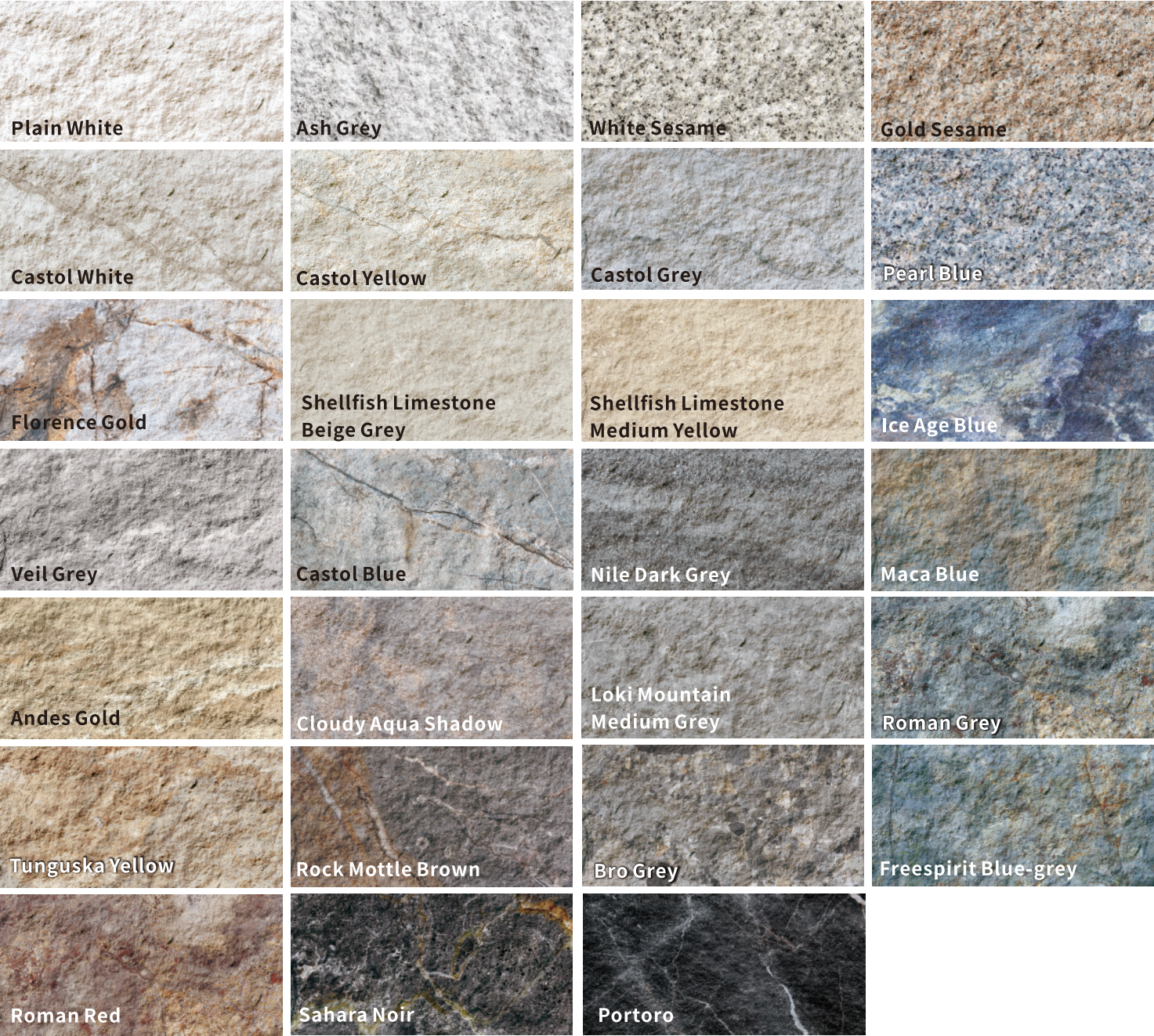
Purple Clay

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)		



Rough Surface

Castol Yellow

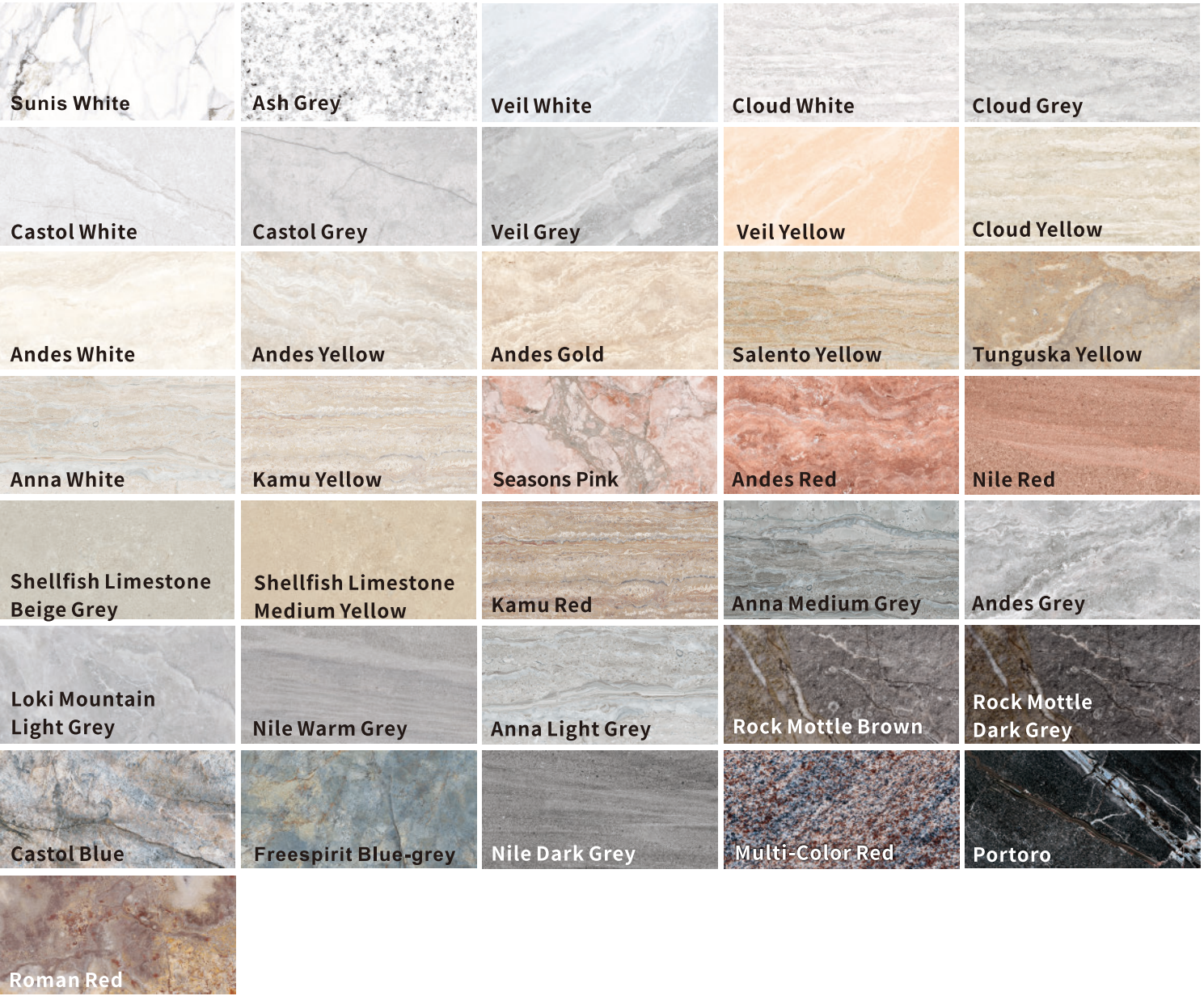


Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-6 natural unevenness	1220 x 620 x 75	12	8.64
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000)x1200				



Marble

Veil Grey

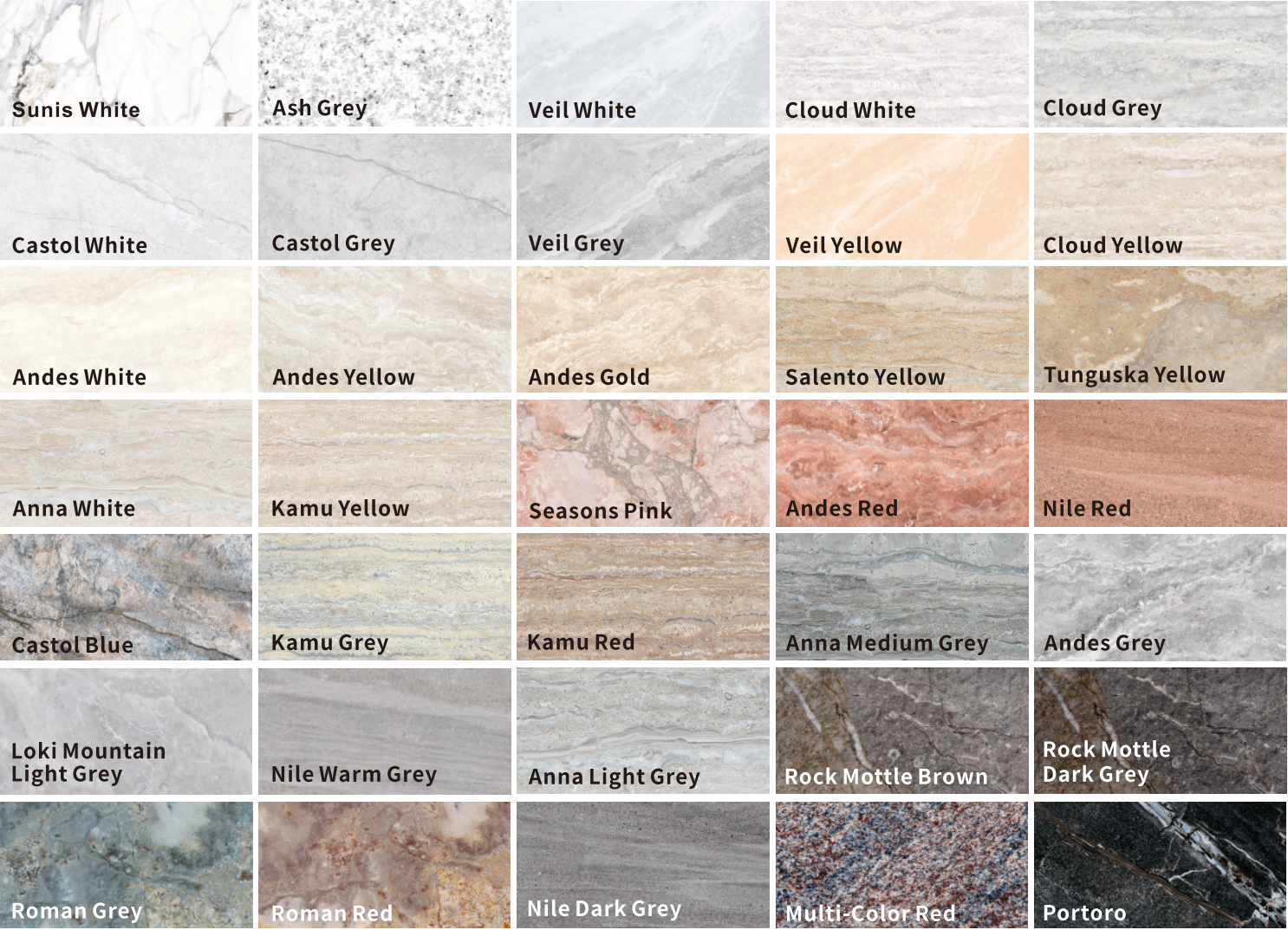


Generation	Standard size(mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1200 x 600	2.8(±1)	1220 x 620 x 75	20	14.4
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
	(3000-6000) x1200				
4.0	1200 x 600	3.2(±0.5)	1220 x 620 x 75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



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

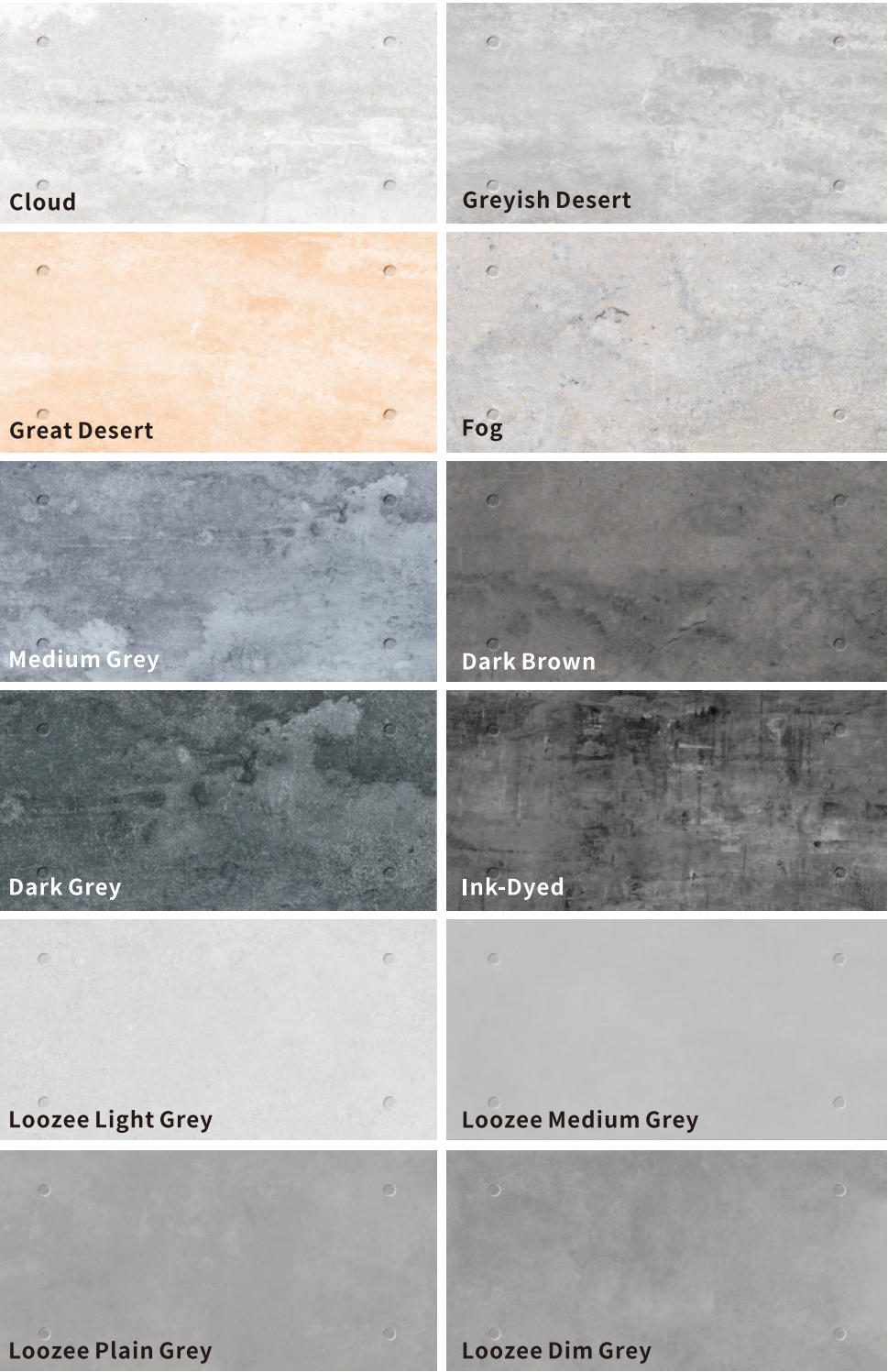


Polish Concrete Stone

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



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



Rusty Slab

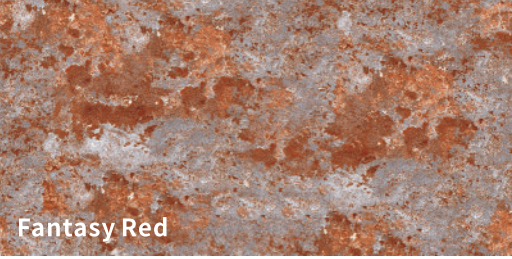
Nuée Ardente



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



Florence Gold

Mount Celestial



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		



Skyline

Nile Dark Grey



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



Stone Alpes

Anna White



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



Sandstone

Australia Orange



Plain White



Australia White



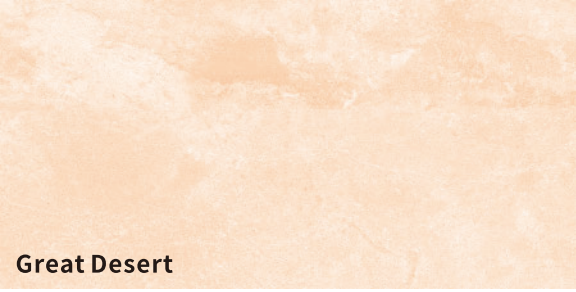
Greyish Desert



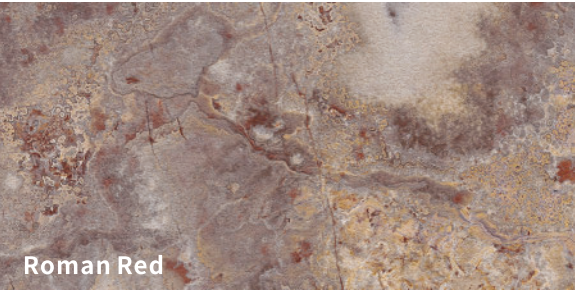
Australia Orange



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



Rammed Earth Wall

Light Brown

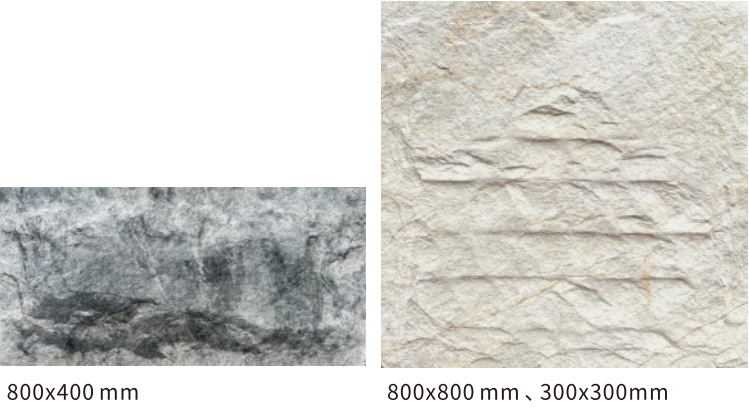


Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-5	1220 x 620 x 75	16	11.52
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600		1220 x 620 x 75		



Crossard Mushroom Stone

Blue Grey



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		



Devine Mushroom Stone

Andes Yellow



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		



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)		



Concrete Pouring Slab

Castle Rock Gray



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		



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

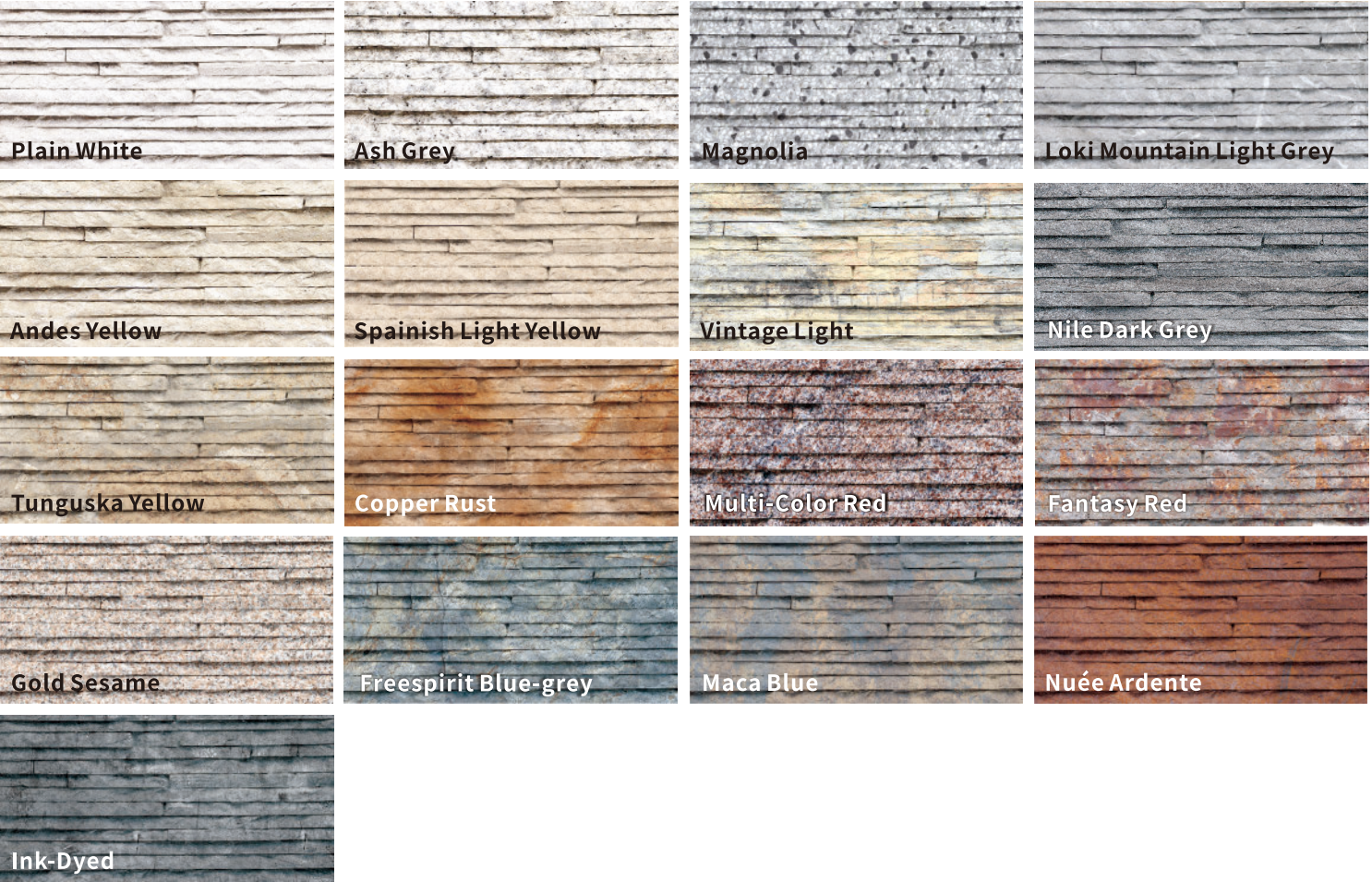


Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
4.0	1200 x 600	1-4.5			



Infiniti

HG03



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		



35 Piece Stone

Tunguska Yellow



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



Chiseled Stone

Andes Yellow



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		



Kamu Yellow

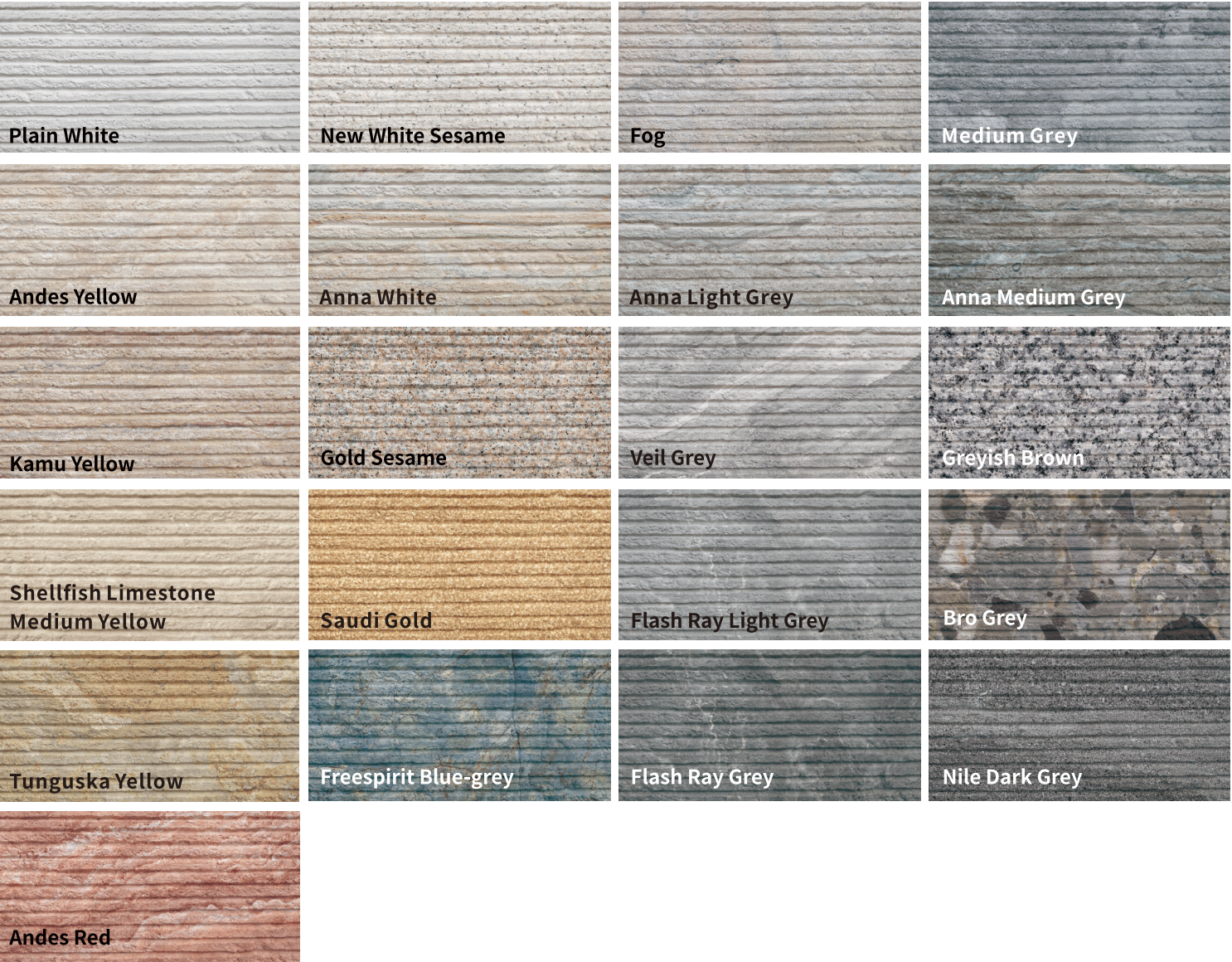


Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350x600	1-9	1380 x 620 x65	8	6.48
	2700x600				
	(2700-6000) x1200				
4.0	1200x600	6.2 (±0.5)	1220 x 620 x65	8	5.76



Flat Linear Stone

Tunguska Yellow

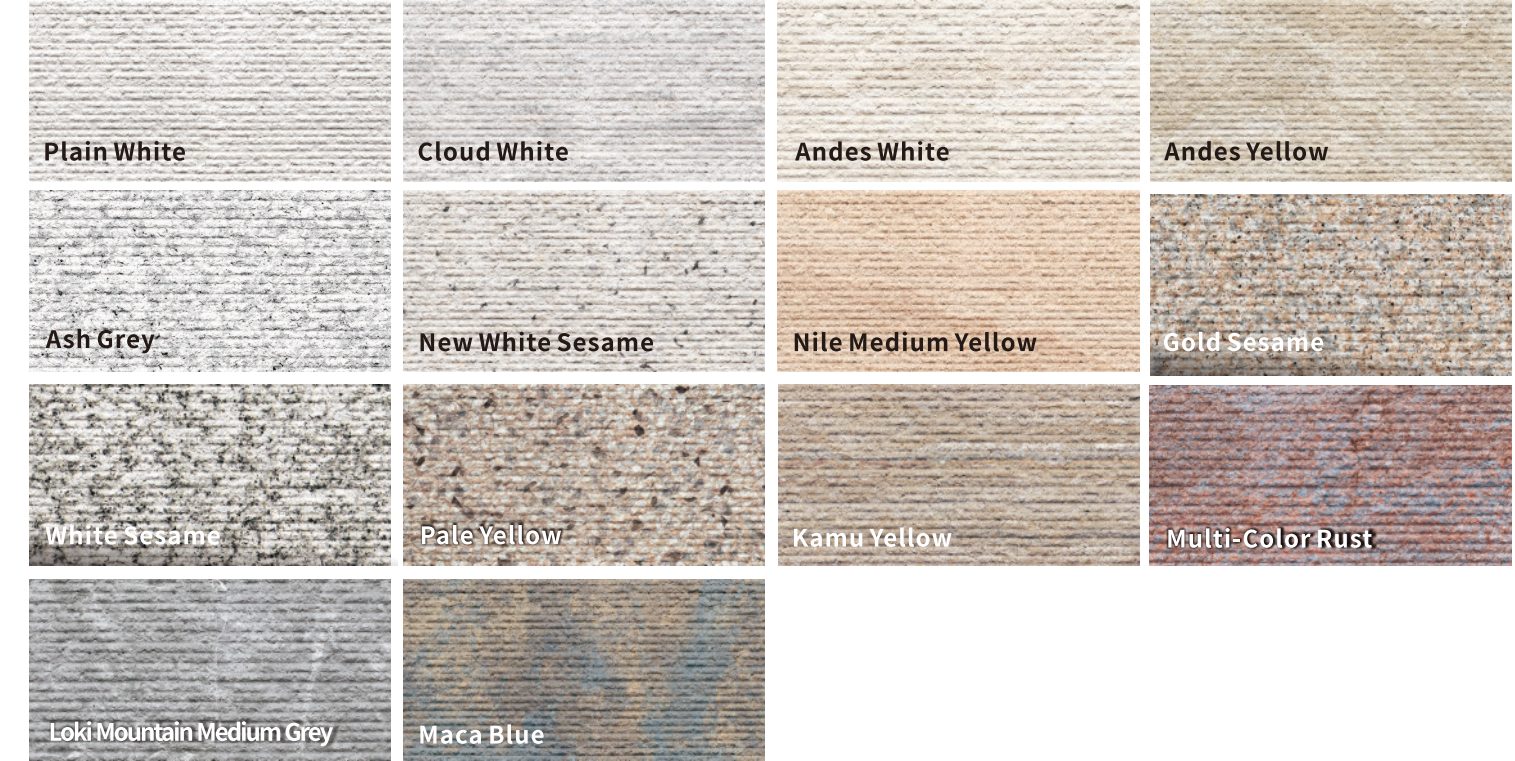


Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600		1220 x 620 x75		
	2400 x 1200		按订货量木箱包装, 包装费另计		
4.0	1200 x 600	1-8	1220 x 620 x75		

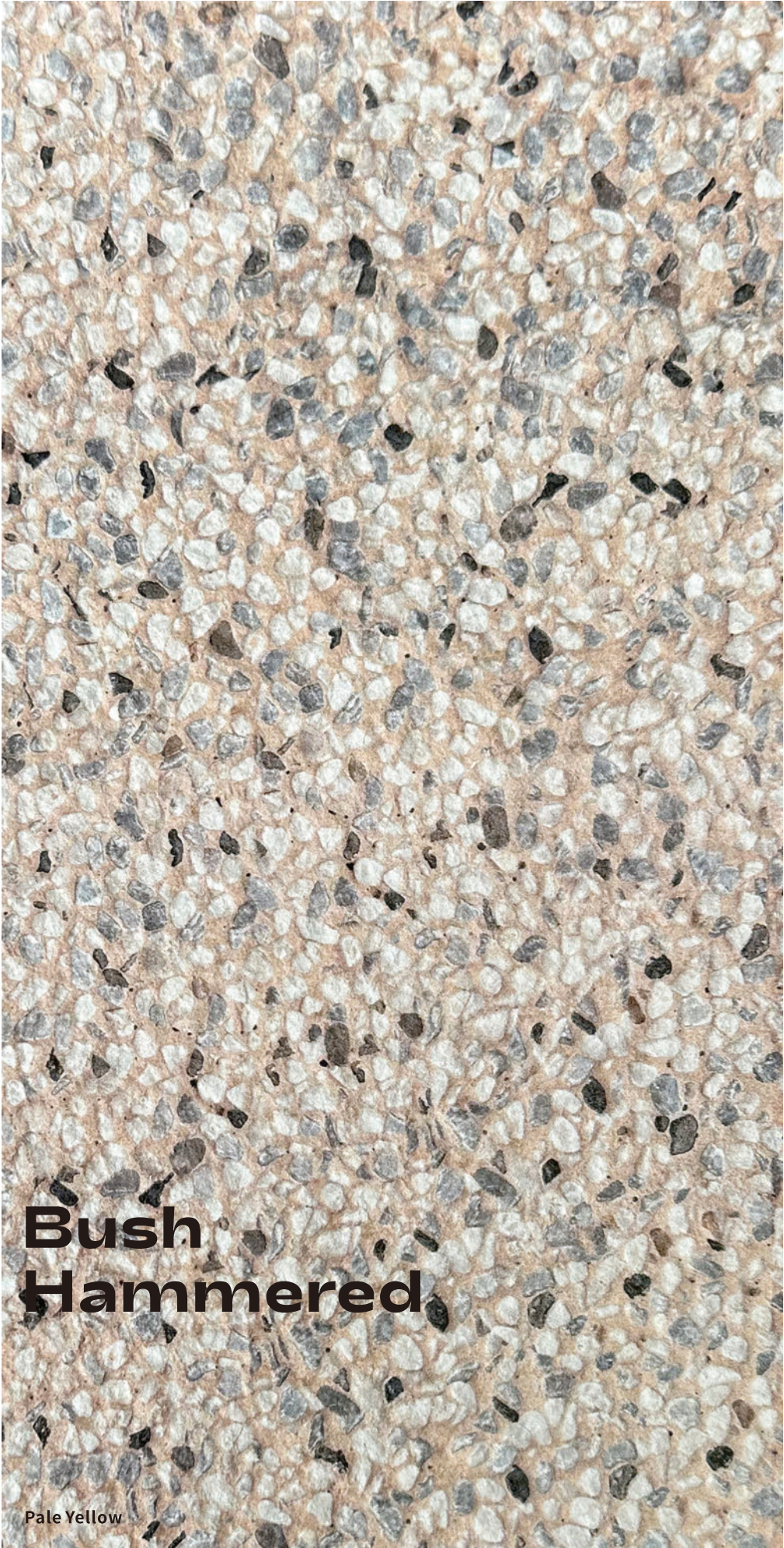


Stone Ridged

Andes White



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		



Pale Yellow

Bush Hammered



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



Scabbled Stone

Tunguska Yellow



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				



Butterfly Stone

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				



3D Papel

Nile Warm Grey

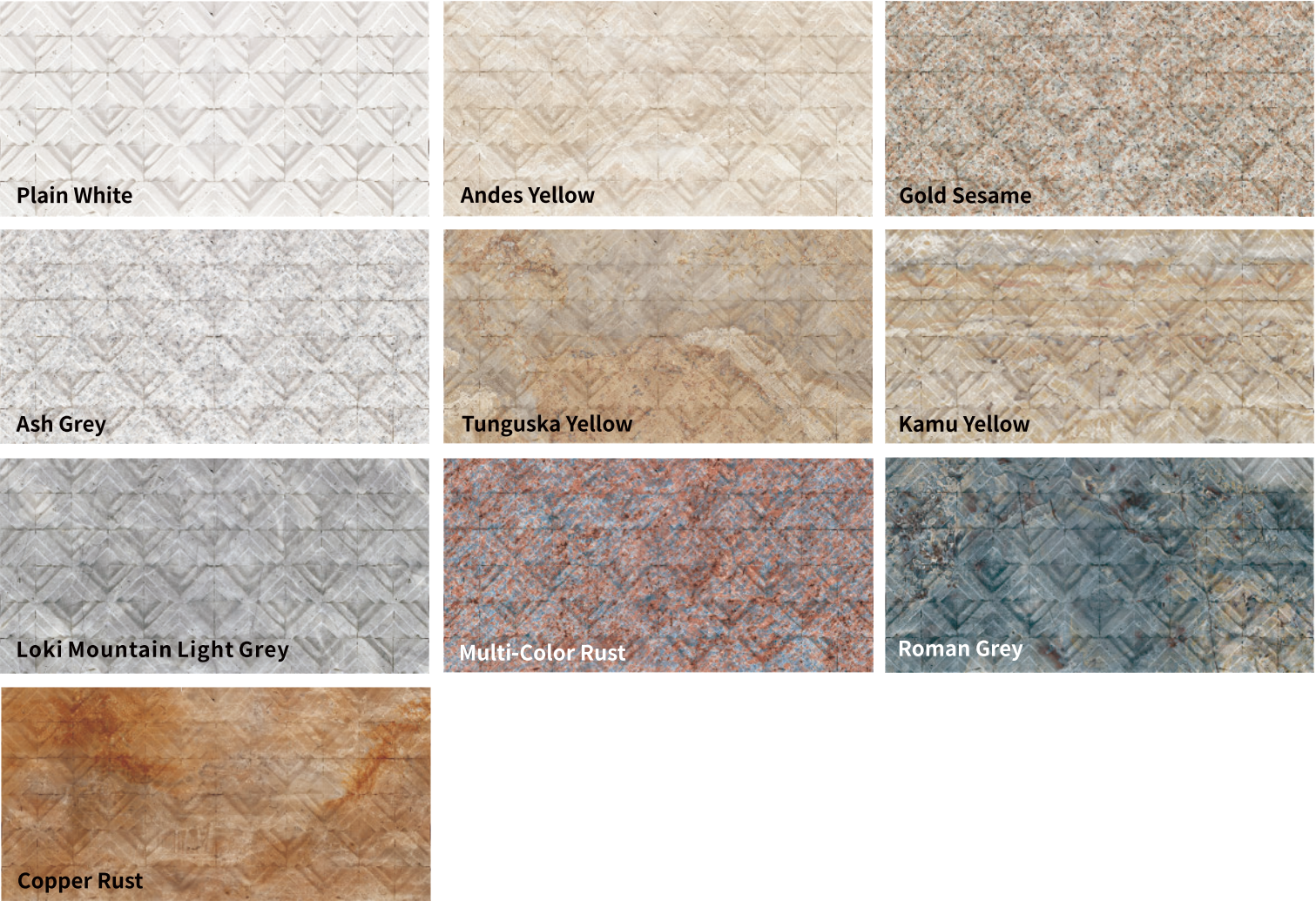


Generation	Standard Size (mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-9	1220 x 620x75	8	5.76
	2400 x 1200		Sizes above 2400x1200 are packed with wooden case as per order quantity (subject to packaging fee)		



Stackle Square

Andes Yellow



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



Rockface Stone

Tunguska Yellow



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				



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				

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

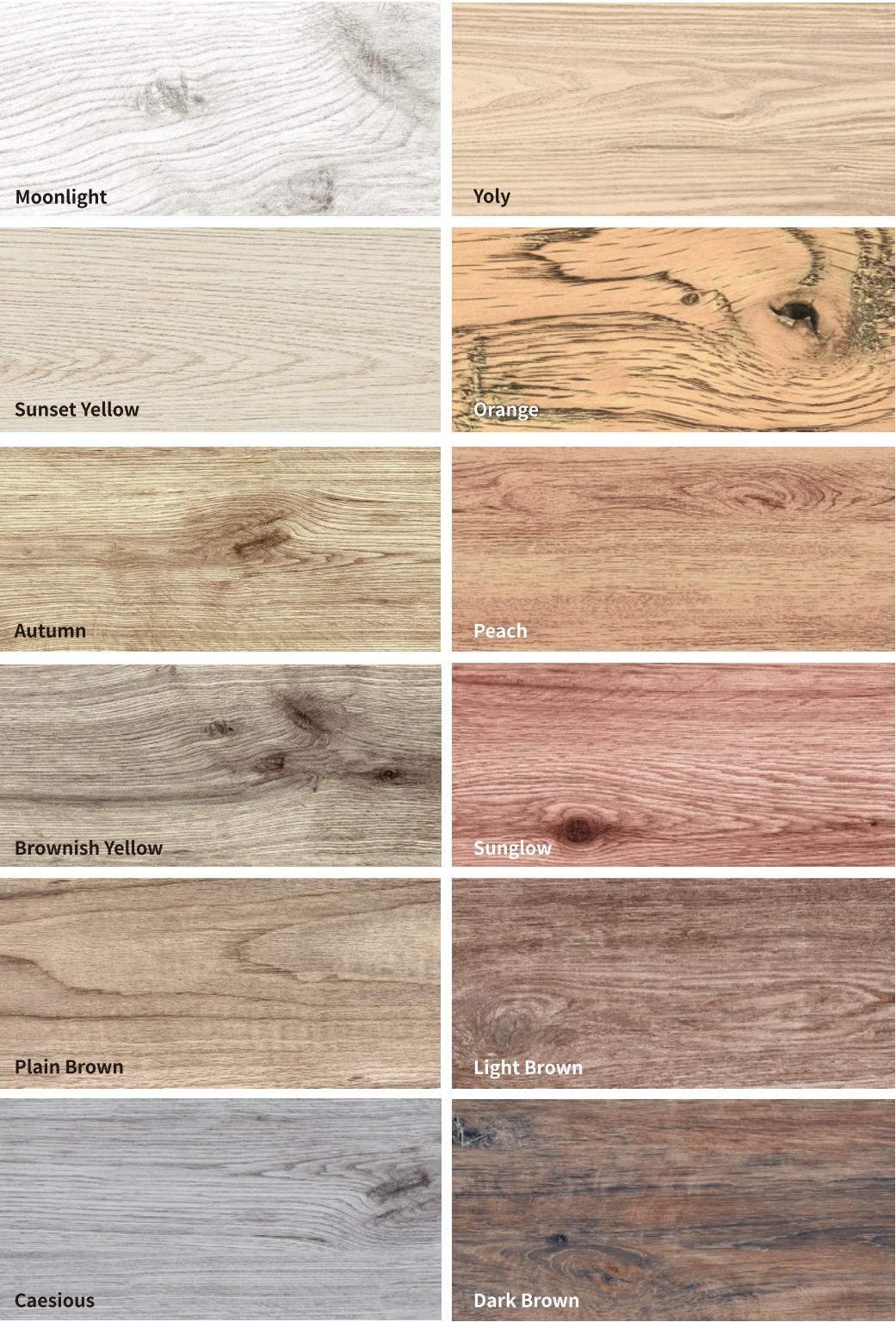


Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1400 x 600	2.8(±1)	Wooden case as per order quantity (subject to packaging fee)		
	2800 x 1200				



Poly Wood

Autumn



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

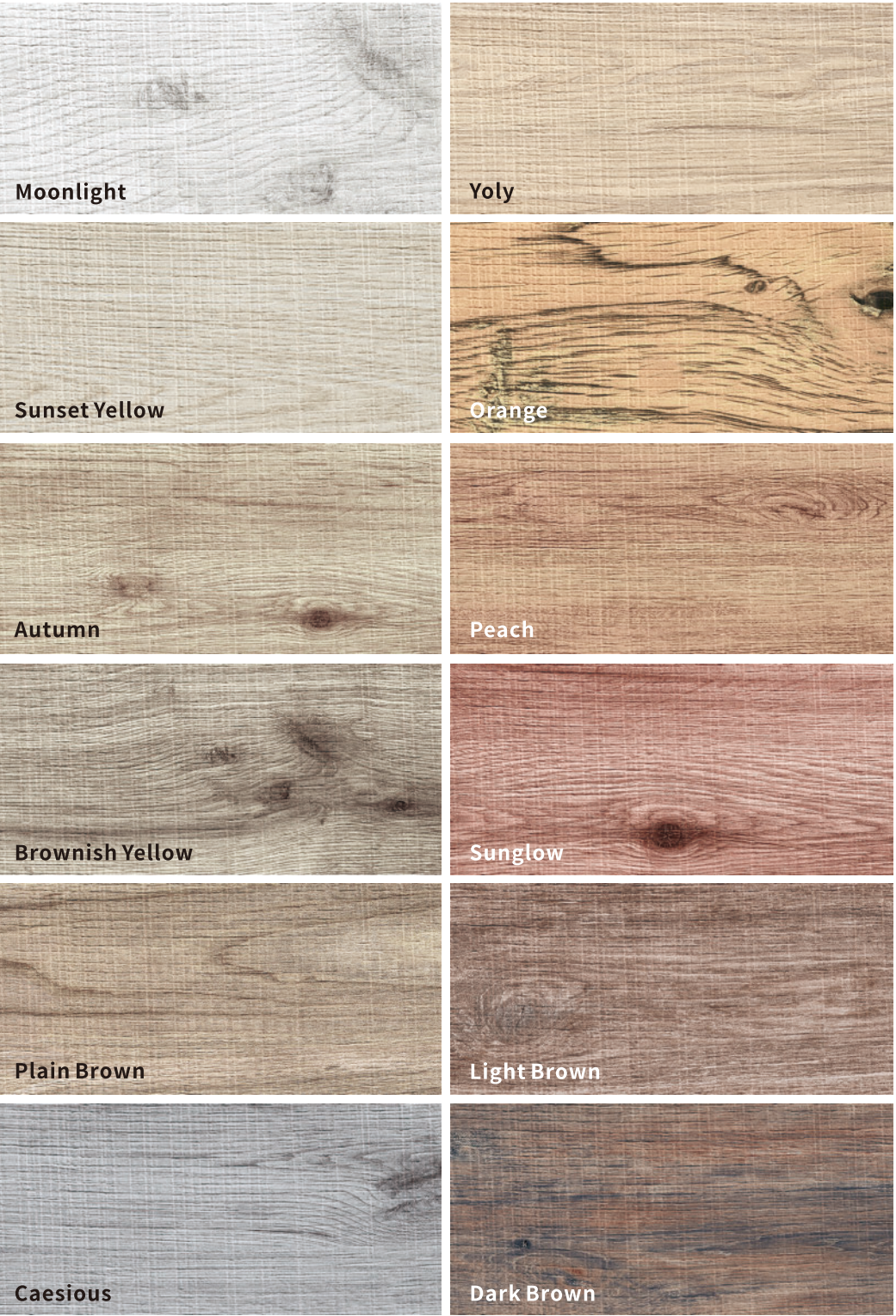


Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1350 x 300	2.8±1	1380 x 620 x 65	42	17.01
	2700 x 300		Wooden case as per order quantity (subject to packaging fee)		
	2700 x 1200				
4.0	1200 x 600				



Sawtooth Wood

Caesious



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				



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 technology,
integrated with ethnic customs**

Weaving Series



W Weaving

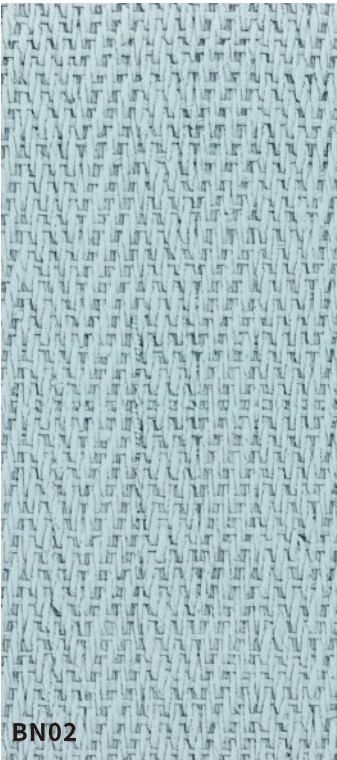
001



WN01



HN02



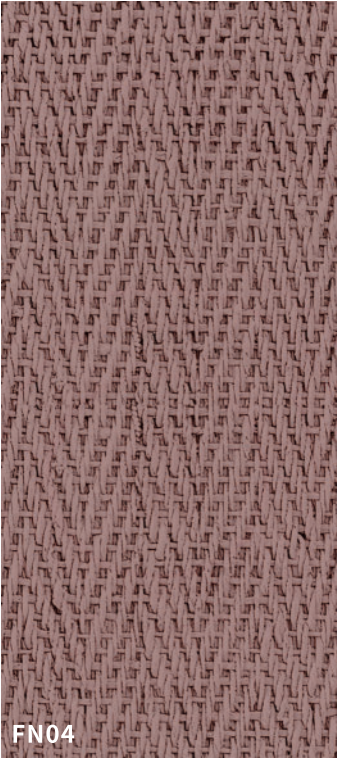
BN02



O01



RN03



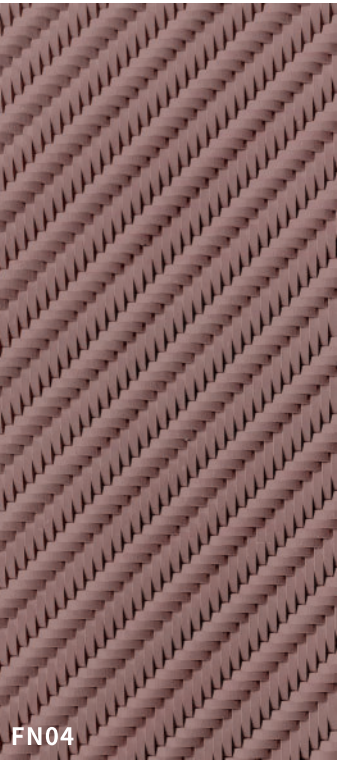
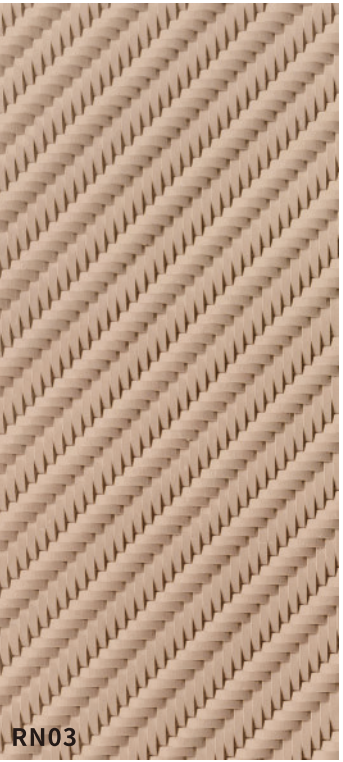
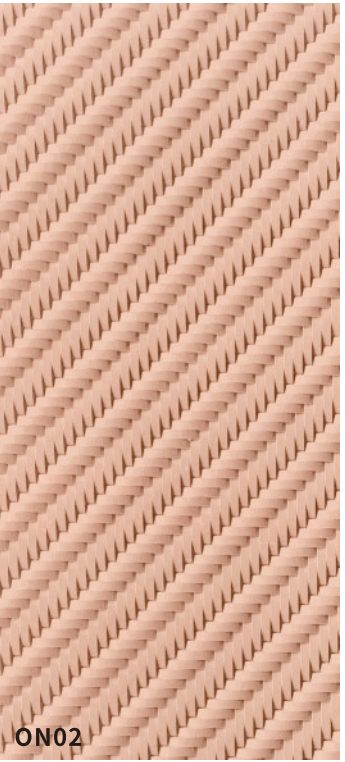
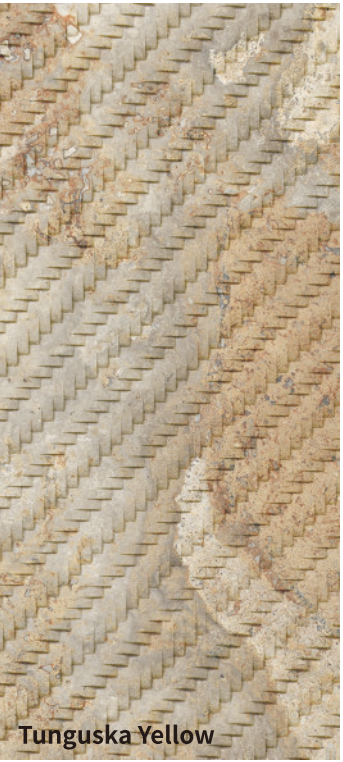
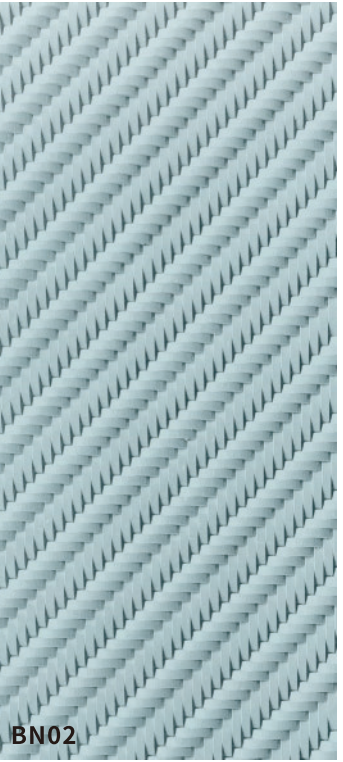
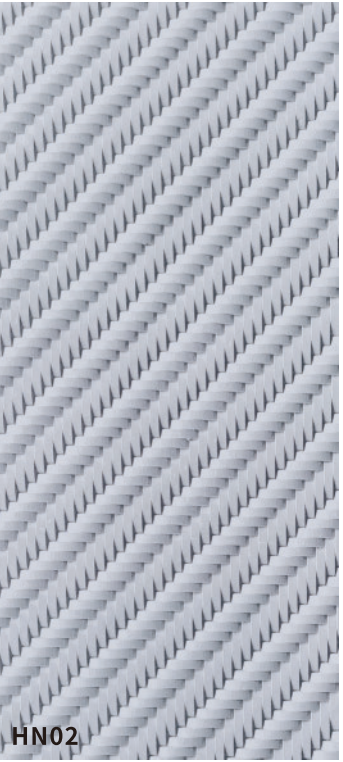
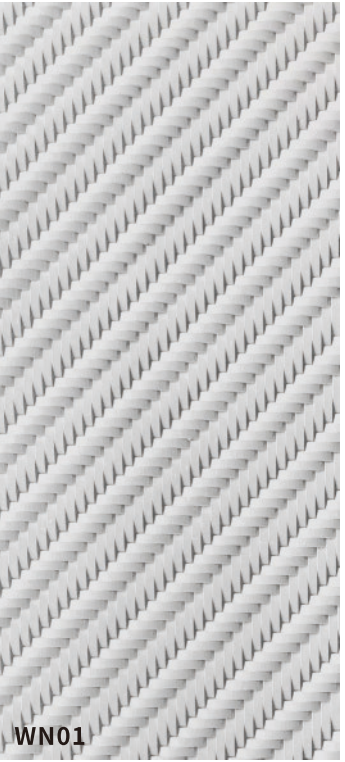
FN04

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				

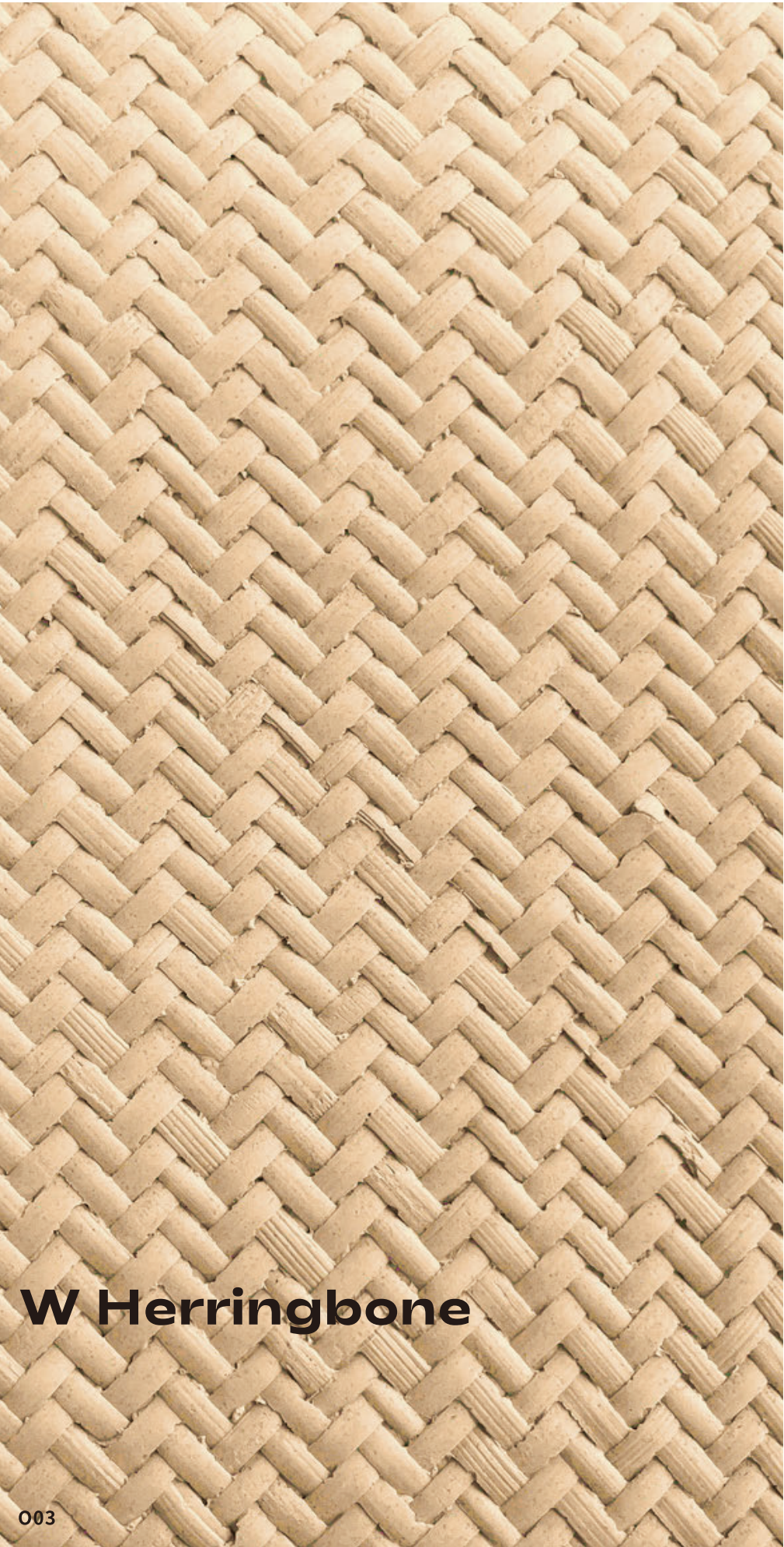


Ocean Flower Weaving

Tunguska Yellow

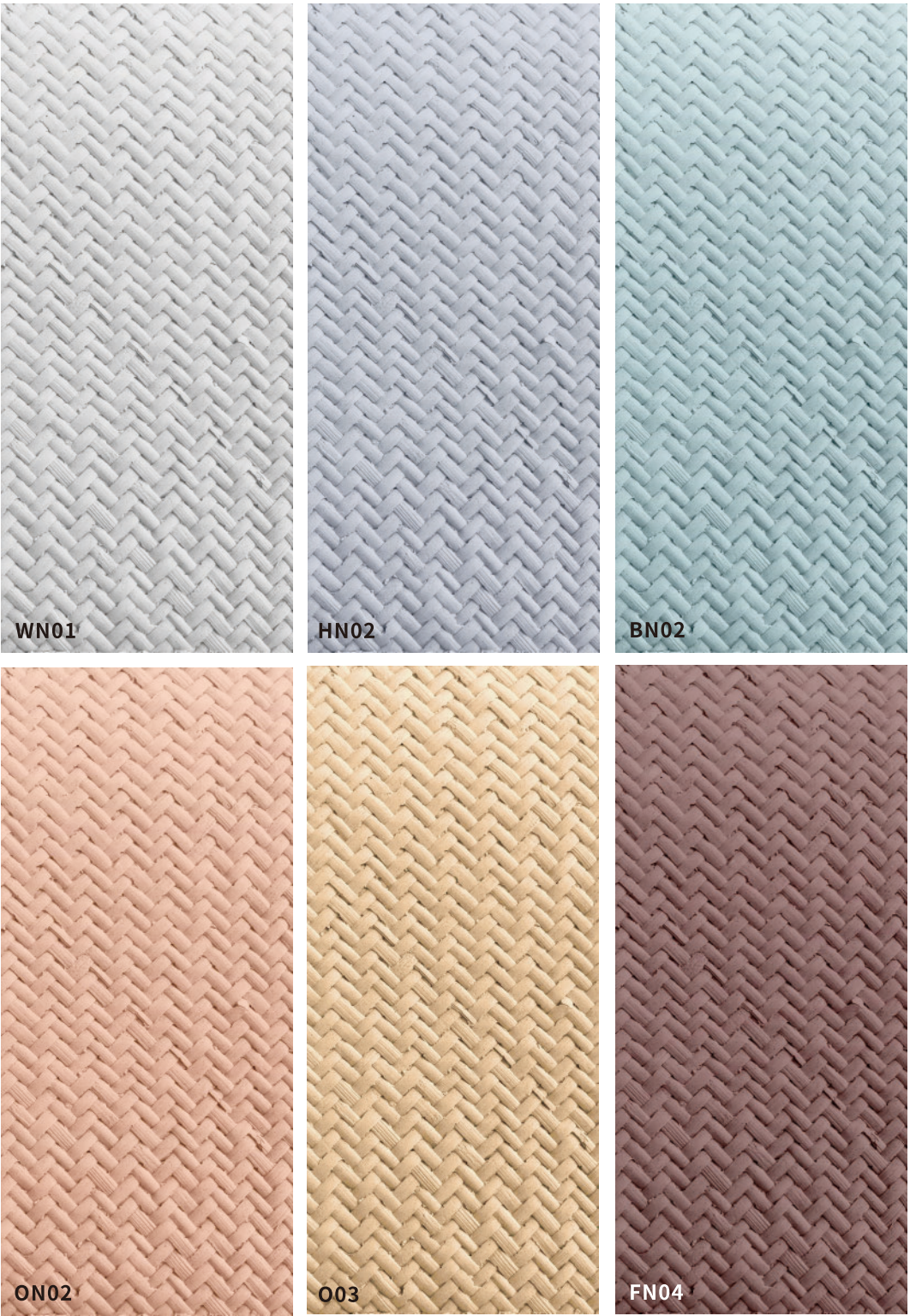


Generation	Standard size(mm)	Thickness(mm)	Packaging(mm)	Pcs/box	Sqm/box
3.0	1200 x 600	1-4	1220 x 620 x 75	14	10.08
	1200 x 1200		Wooden case as per order quantity (subject to packaging fee)		
	2400 x 1200				
4.0	1200 x 600				



W Herringbone

O03



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				

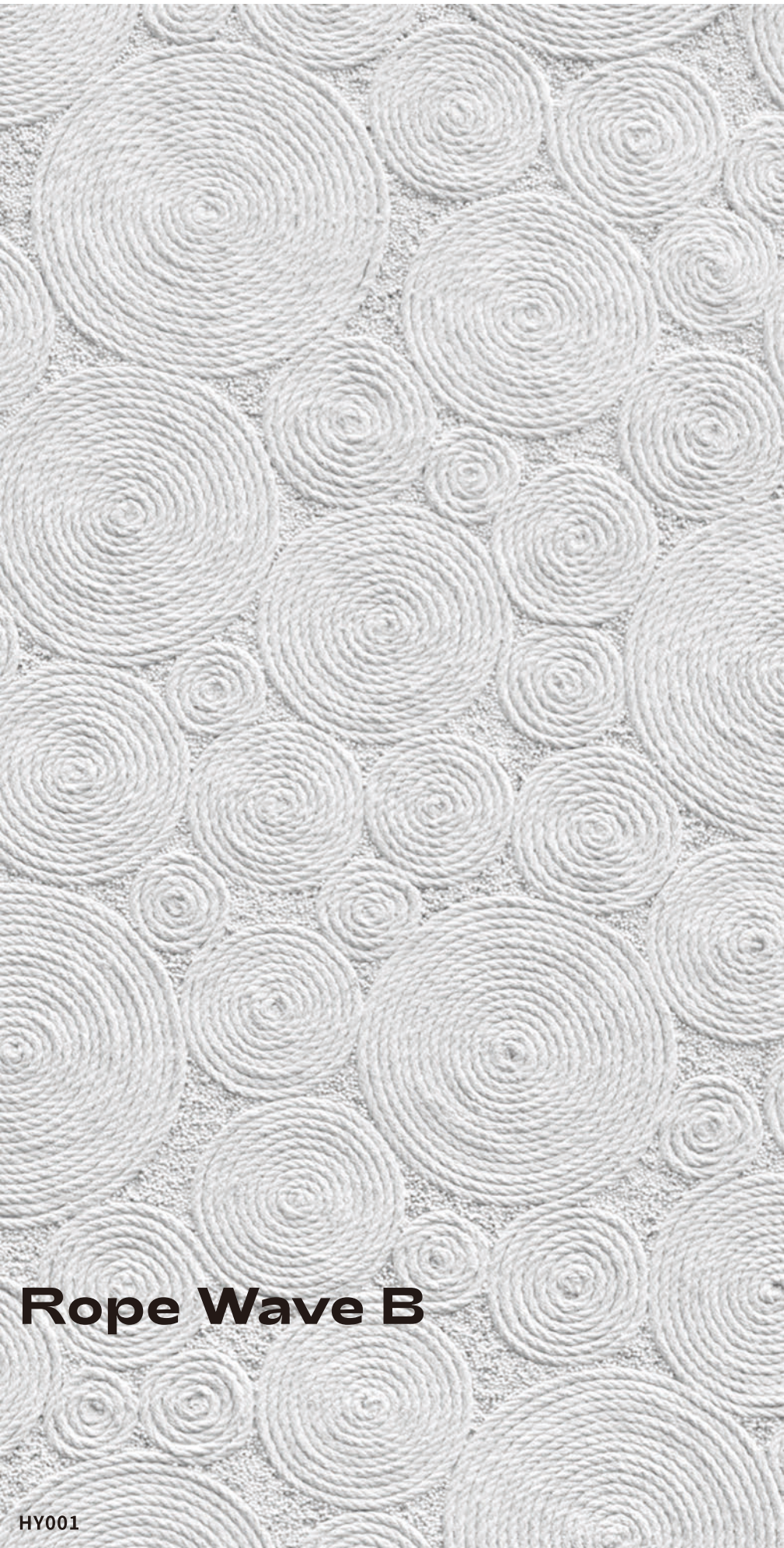


Rope Wave A

HY001



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				

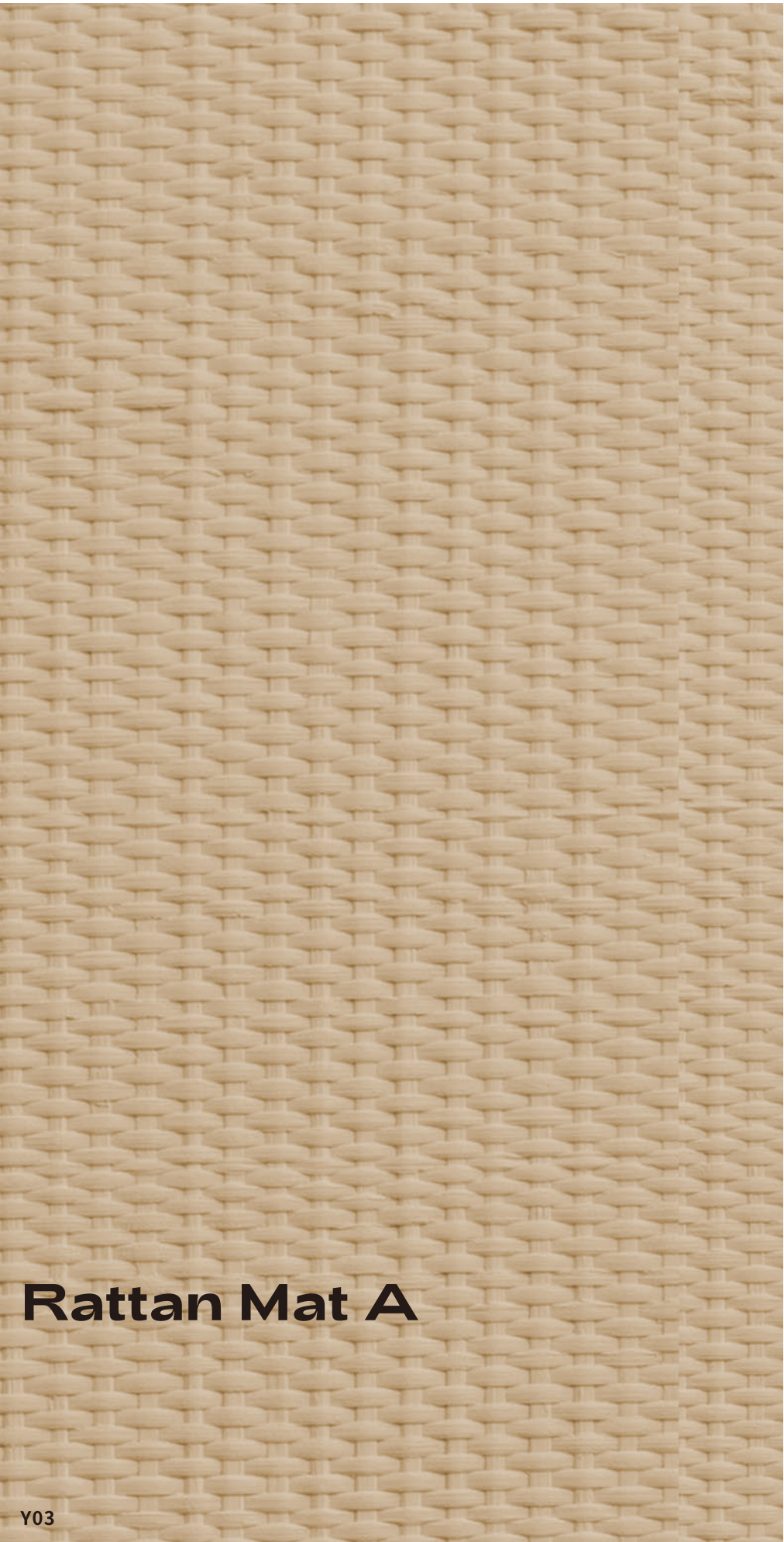


Rope Wave B

HY001



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				

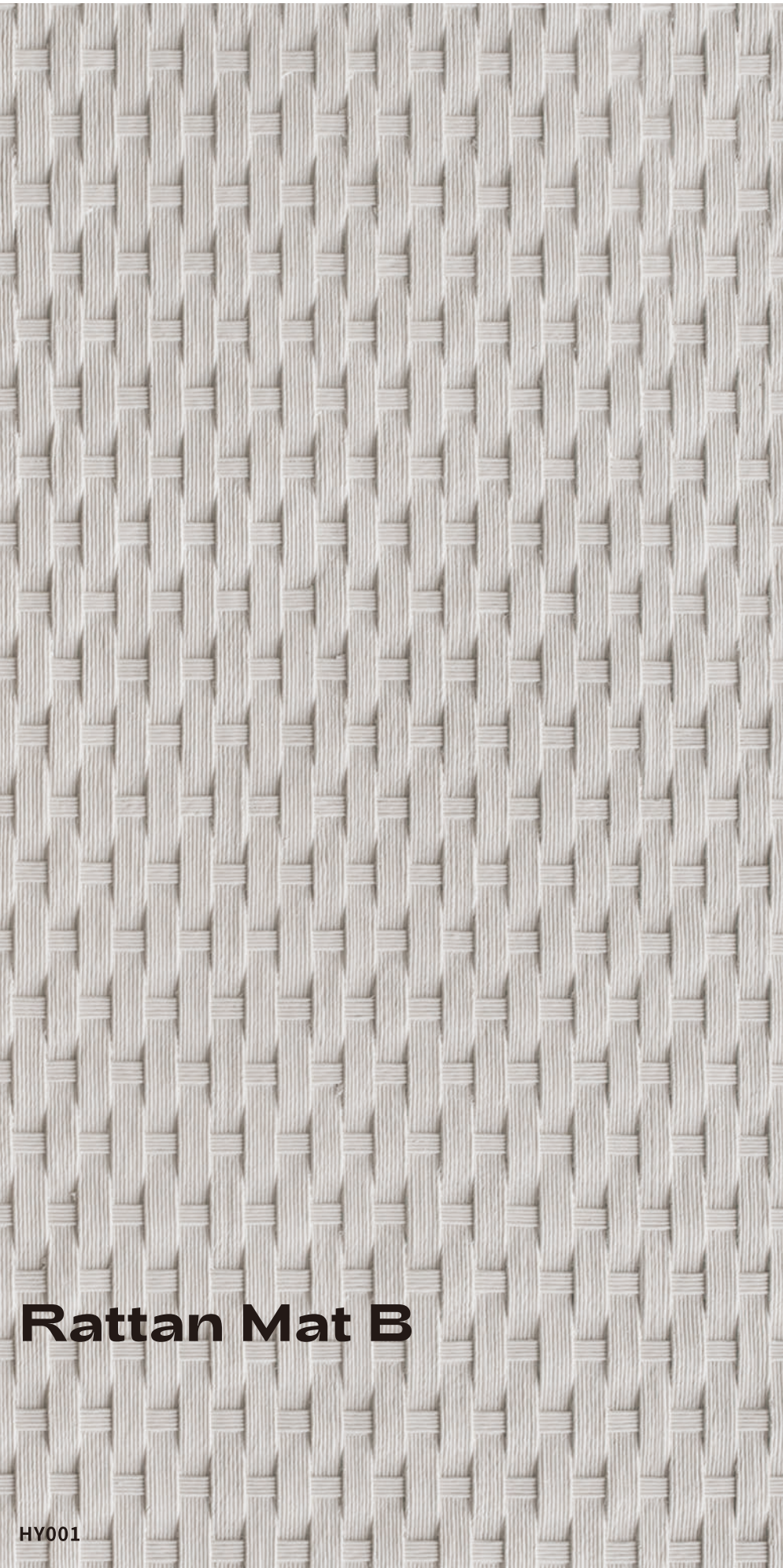


Rattan Mat A

Y03



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				

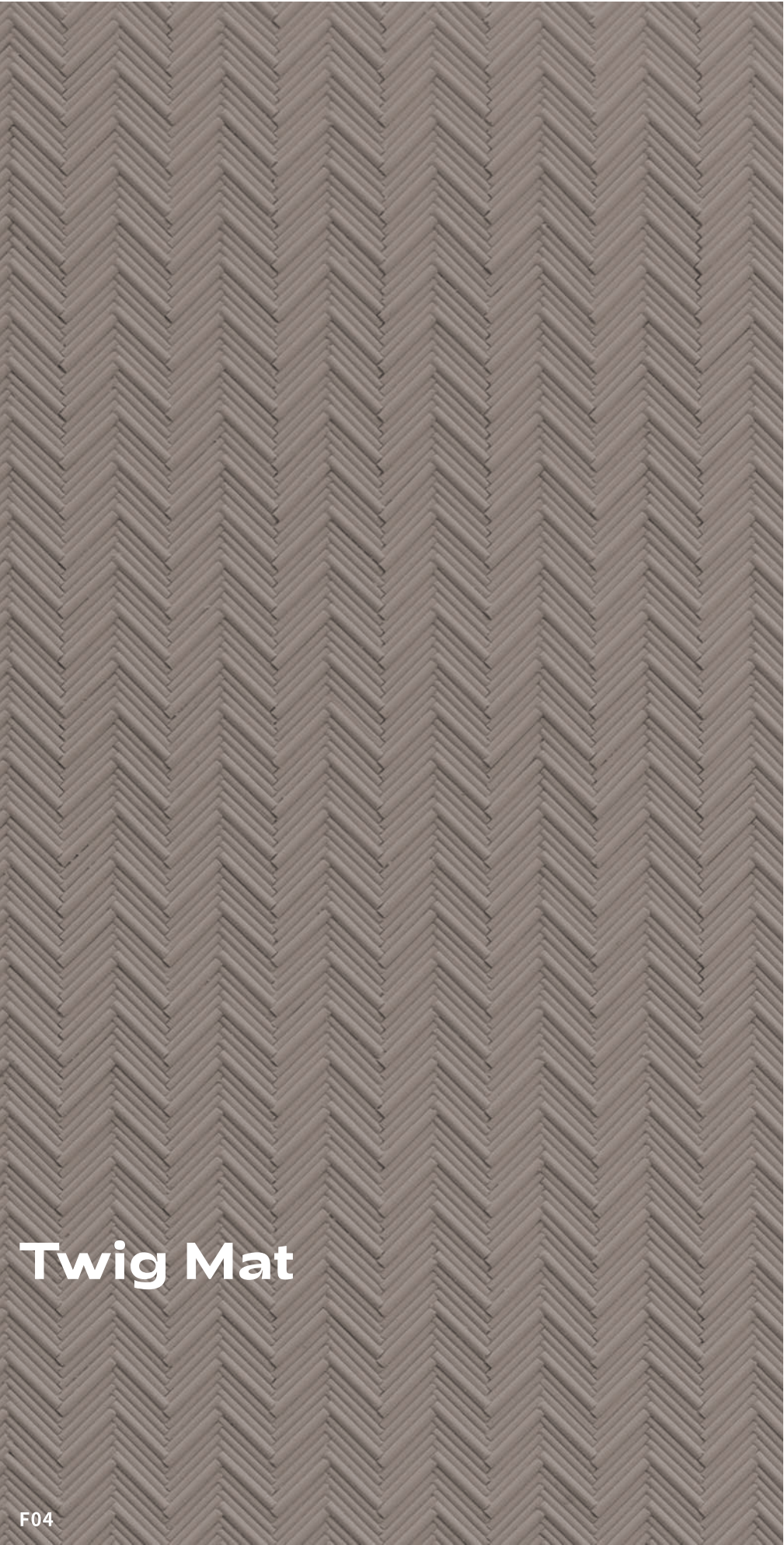


Rattan Mat B

HY001



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



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				



Rattan Knit A

Y03



Generation	Standard size (mm)	Thickness (mm)	Packaging (mm)	Pcs/box	Sqm/box
3.0	1350 x 600	1-4	1370 x 620 x 90	18	14.58
	2700 x 1200		Wooden case as per order quantity (subject to packaging fee)		
4.0	1200 x 600				



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

Brick Series

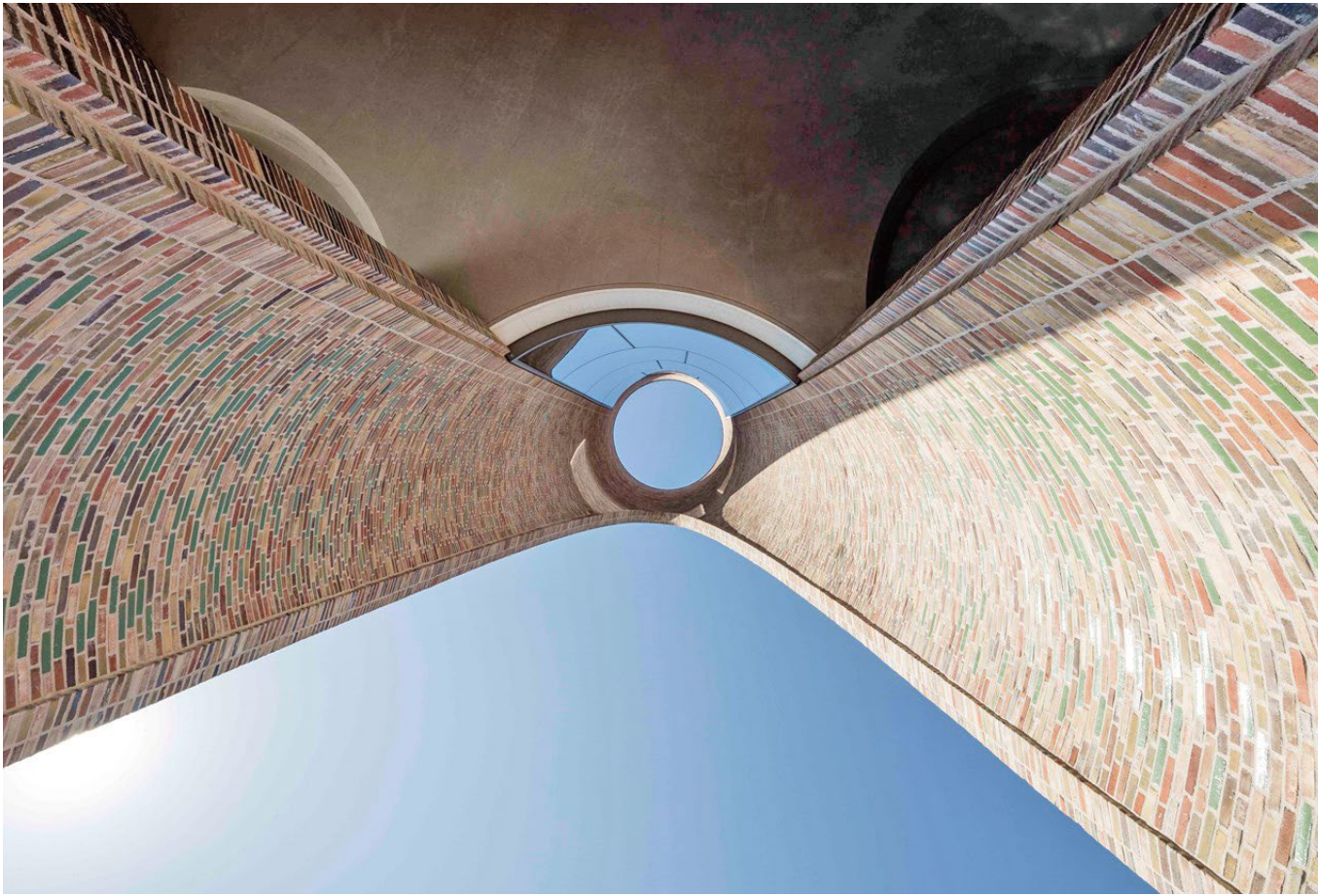


G Facing Brick

Os Cyan



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

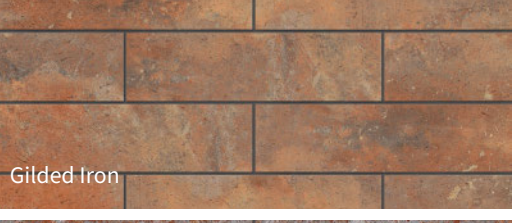
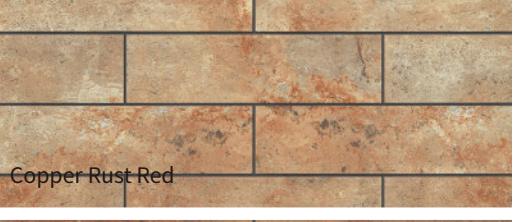
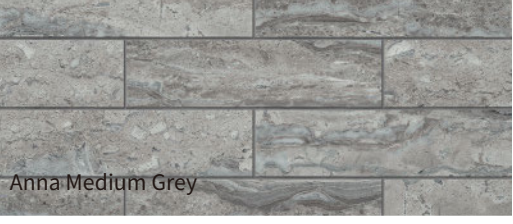
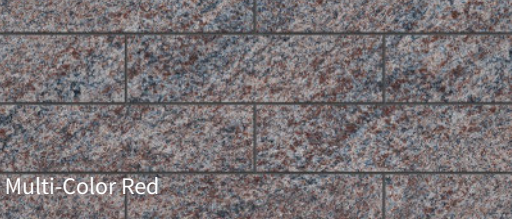
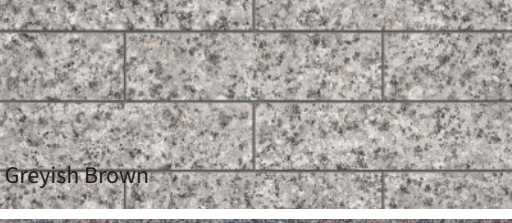


G Facing Brick

Os Red



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



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.

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 Greenable 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 Greenable Green certification

