

NAIDUN®耐盾

NAIDUN ECOLOGICAL FLEXIBLE STONE

From Nature | Ultimate Art | material science that shapes the future

GREEN BUILDING MATERIALS



TRANSPORTATION • LIGHTWEIGHT
INSTALLATION • SIMPLE AND HIGH EFFICIENCY
APPLICATION • WIDE RANGE

NAIDUN ECOLOGICAL FLEXIBLE STONE

When you spend a lot of effort, the creative matching of traditional building decoration materials, But because of the construction of the time cycle, and labor installation of high cost but you bring you a lot of pain.

If there is a new type of wall material that can be applied to large areas of indoor and outdoor walls and has a natural stone texture, and the cost of installation is lower than any traditional building material. can be applied to large areas of indoor and outdoor walls and has a natural stone texture, and the cost of installation is lower than any traditional building material.

Naidun Flexible Stone

as the core product of our company, perfectly combines the texture of traditional stone with the superior performance of modern materials, bringing a brand-new solution to the architectural decoration industry.

COMPANY PROFILE

We are the NAIDUN Group, founded in 2016, Focused on Modified clay material for ecological environment materials: Research and production of Flexible Stone and Soft Stone. We are committed to providing carbon neutral material solutions for enterprises and organizations. We uphold the spirit of innovation, manufacturing safe and durable green building materials to contribute to the world.

We provide material solutions and material knowledge to our partners. Enable this material to benefit the world, thereby increasing the potential applications of eco-friendly materials. This is a special responsibility we bear for the future of human society. Our vision is to collaborate with more partners through materials technology to jointly build a sustainable world.



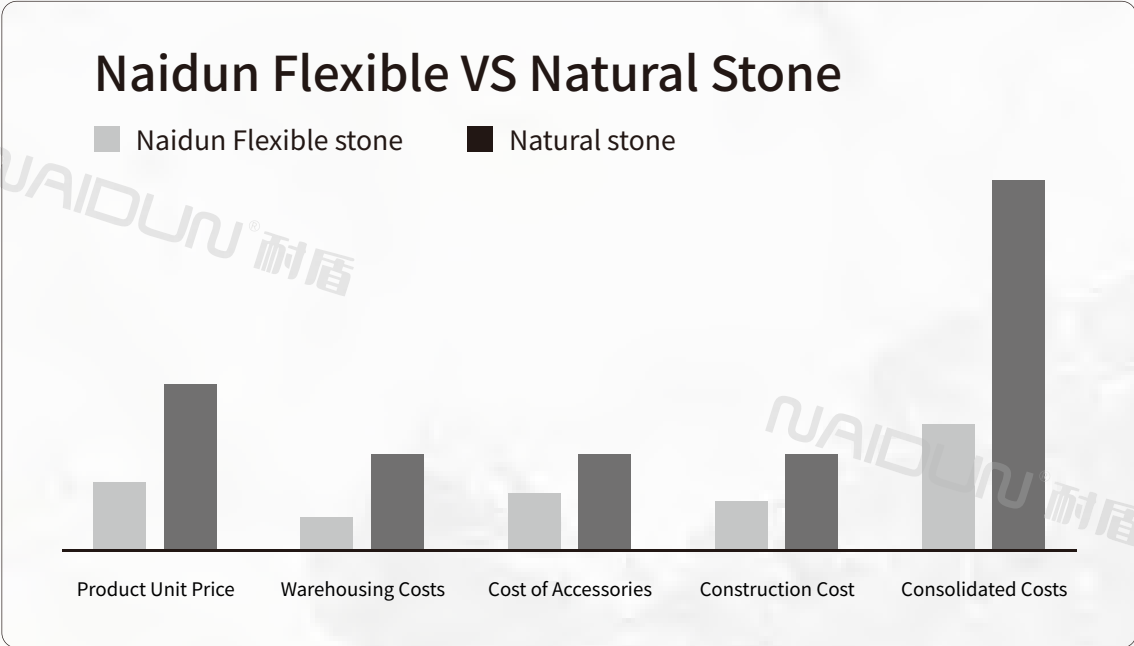
The raw materials we use for modified soil are ecological white soil (stone), red soil (stone), loess (stone), black soil (stone), purple soil (stone), and other inorganic substances. These materials are sourced from various regions across China and some foreign areas, all of which are far from cities and have passed strict technical inspections.

These materials are collected, sorted by color, and crushed into microscopic - sized inorganic powders. Then, a surfactant is used to cover the particle surfaces, forming a hybrid of environmentally - friendly active soil and environmentally - friendly polymer, thus creating a new material with unique properties.

The shaping process is carried out on a fully automated production line. The flexibility and hardness of the finished product are adjusted through controlled curve temperature and the use of modifiers.

This material combines the durability of inorganic materials with the plasticity of organic materials, ensuring long - term structural stability and a long service life. At the same time, it retains all the excellent properties of soil and minerals, such as breathability, moisture - resistance, fire - resistance, and sustainability.

Cost Comparison of Various Items Between Naidun Flexible Stone and Natural Stone



Product Features and Advantages

- Flexible And Bendable
- Strong toughness
- Aging Resistance
- Waterproof / Fireproof / Moistureproof
- Lightweight
- Environmental Friendly

- ★ No need to knock off the old base layer, it can be pasted directly, no solid waste discharge, no disturbing people
- ★ High output, low cost, fast construction period, easy construction and good effect
- ★ Tailor - made products in line with local customs or styles

Comparison between Naidun Flexible Stone and Traditional Materials					
TYPE	STONE	EXTERIOR WALL TILES	COATING	ALUMINUM COMPOSITE PANEL	FLEXIBLE STONE
GREENHOUSE	Lumbering Open a monastery	Carbon Dioxide Unfriendly	HCHO Exceedance	Excess Emissions	Natural Zero Pollution
HAULAGE	Very Heavy High Cost	Very Heavy High Cost	Special Protection High Cost	Special Protection High Cost	Lightness Low transport costs
SAFETY	Challenging Insecurity	Abscission Hazard Insecurity	Surety	Insecurity	Lightness Firmly Tiled
DURABILITY	Long-Lasting	Long-Lasting	Easy to lose color	General	Frost and Heat resistant
FIRE RESISTANCE	Fireproof	Fireproof	/	Non-fire resistant	Class A fireproof
CONVENIENCE	Inconvenient Construction	Inconvenient Construction	Easy Construction	Inconvenient Construction	Easy Construction
CONVENIENCE	Limited Expressive Power	Limited Expressive Power	Lack of Expression	Lack of Expression	Expressive
LIGHT POLLUTION	Comparatively Small	YES	Comparatively Large	YES	NO



Roman Pillar

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness

2-7mm

3D inkjet color



Andes Grey



Cloudy Grey



Andes White

Regular colors



Off White 100



Beige 216



Light Gray 052

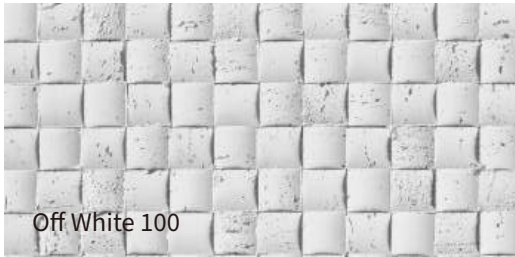


Travertine Mosaic

Regular Size Size
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness
2 - 10mm

■ Regular colors



Off White 100



Gray 0622



Beige 215

■ 3D inkjet color



Cloud fog yellow



Anna Red



Agate Green



Rough Granite

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 3000 * 600mm | 3000 * 1200mm

Thickness

2-6mm

■ 3D inkjet color



Veil White



Veil grey



Veil Dark Grey



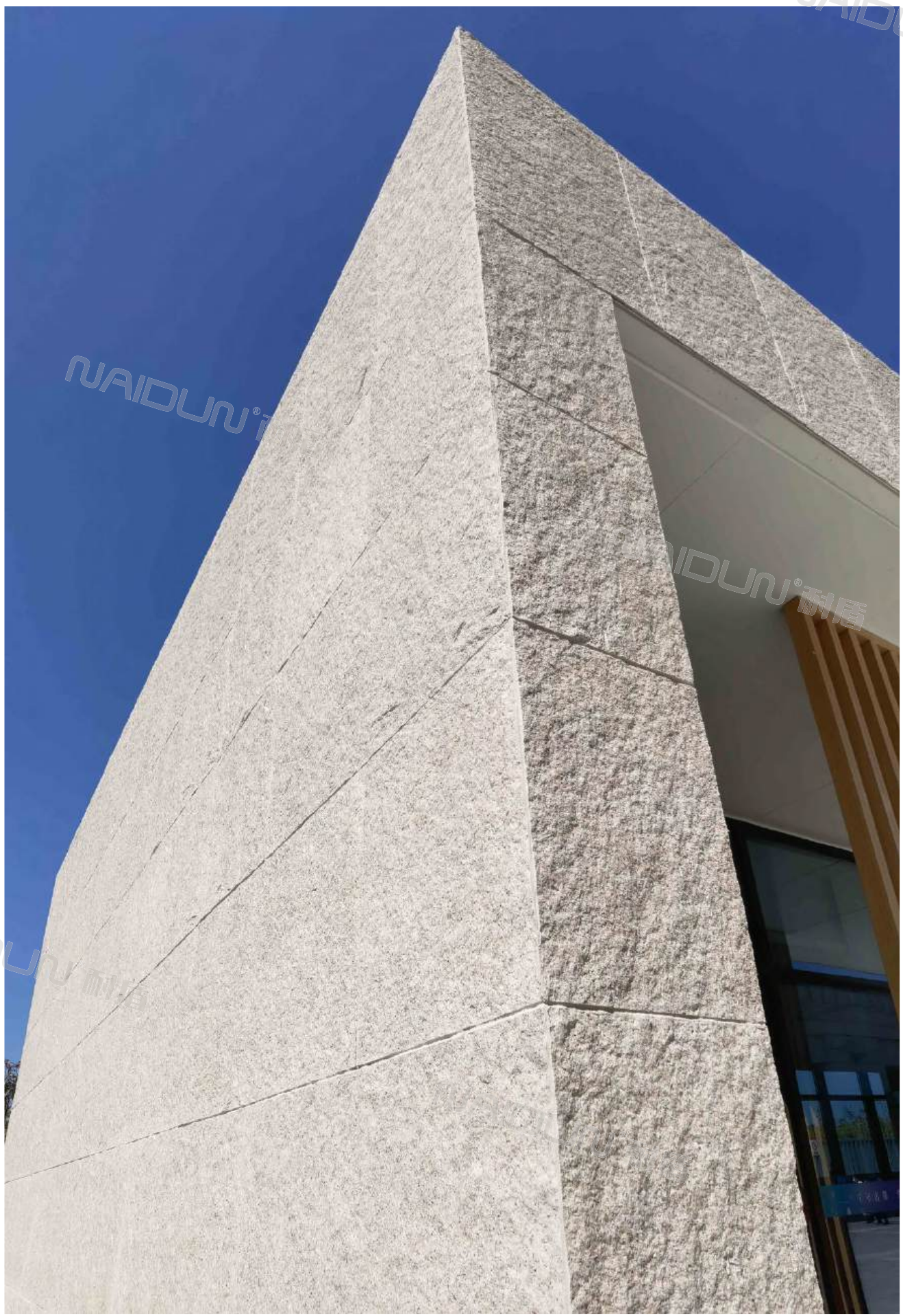
Leman Yellow



Leman Grey



Portoro



Rough Granite

Regular Size Size

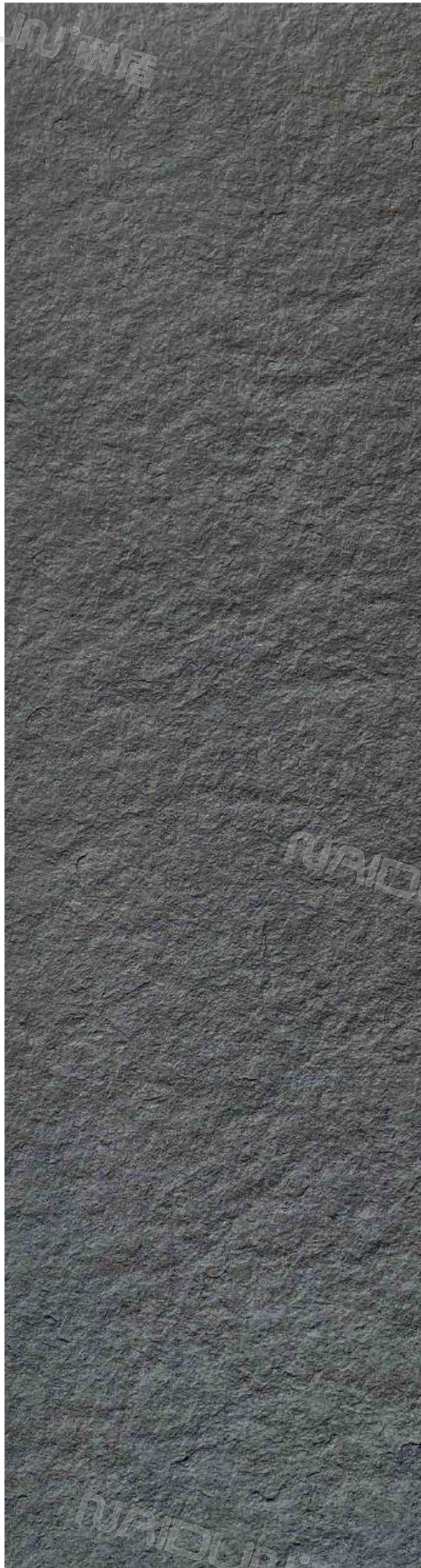
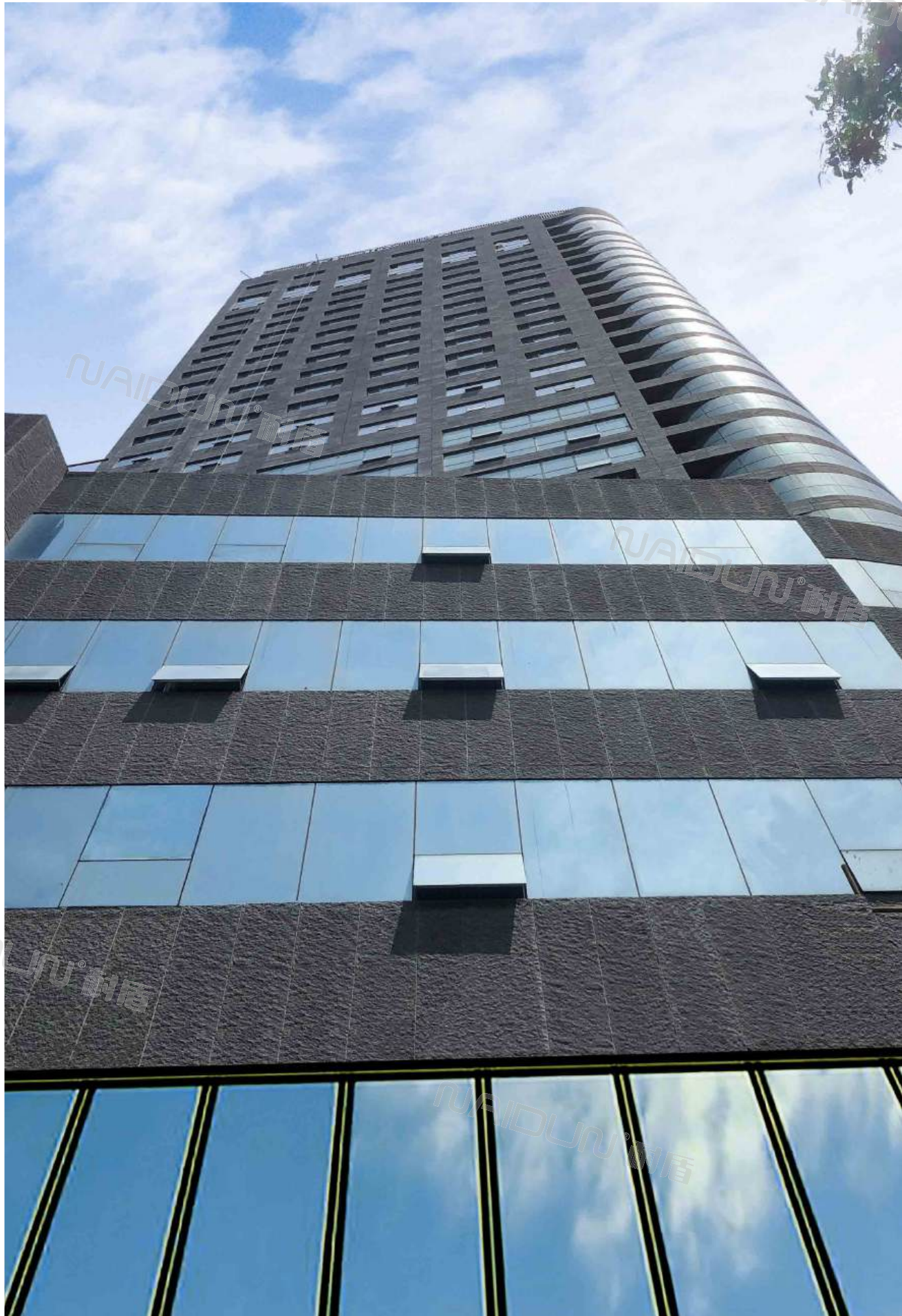
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 3000 * 600mm | 3000 * 1200mm

Thickness

2-6mm

■ 3D inkjet color





Rough Granite

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 3000 * 600mm | 3000 * 1200mm

Thickness

2 - 6mm

■ Regular colors



Off White 100



Light Gray 052



Beige 215



Gray 0622



Black 045



Travertine

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 2700 * 600mm | 2700 * 1200mm

Thickness

2-4mm

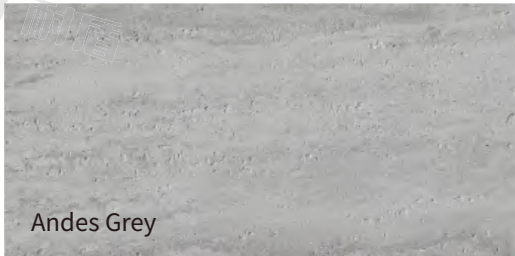
■ 3D inkjet color



Andes White



Roman White 01



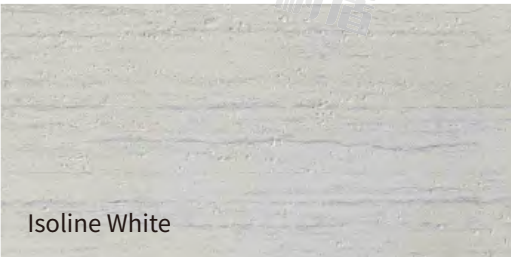
Andes Grey



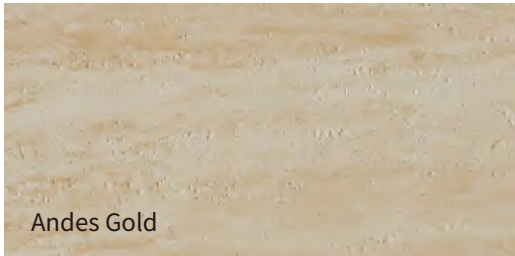
Roman White 02



Andes Yellow



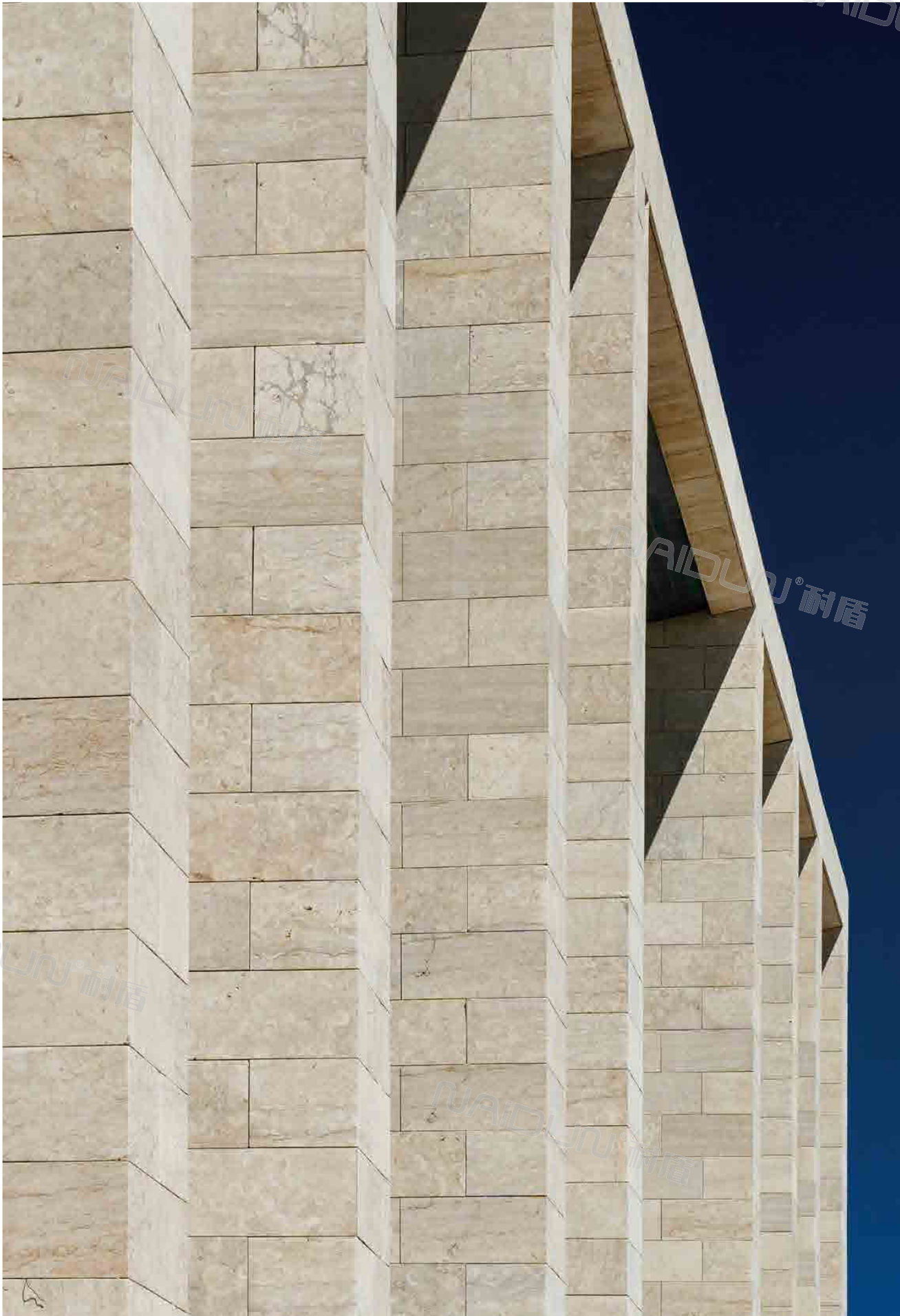
Isoline White



Andes Gold



Isoline Yellow



Travertine

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 2700 * 600mm | 2700 * 1200mm

Thickness

2-4mm

3D inkjet color





Travertine

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 2700 * 600mm | 2700 * 1200mm

Thickness

2-4mm

3D inkjet color



Cloudy Grey



Clay Yellow



Cloud fog yellow



Cloud fog grey



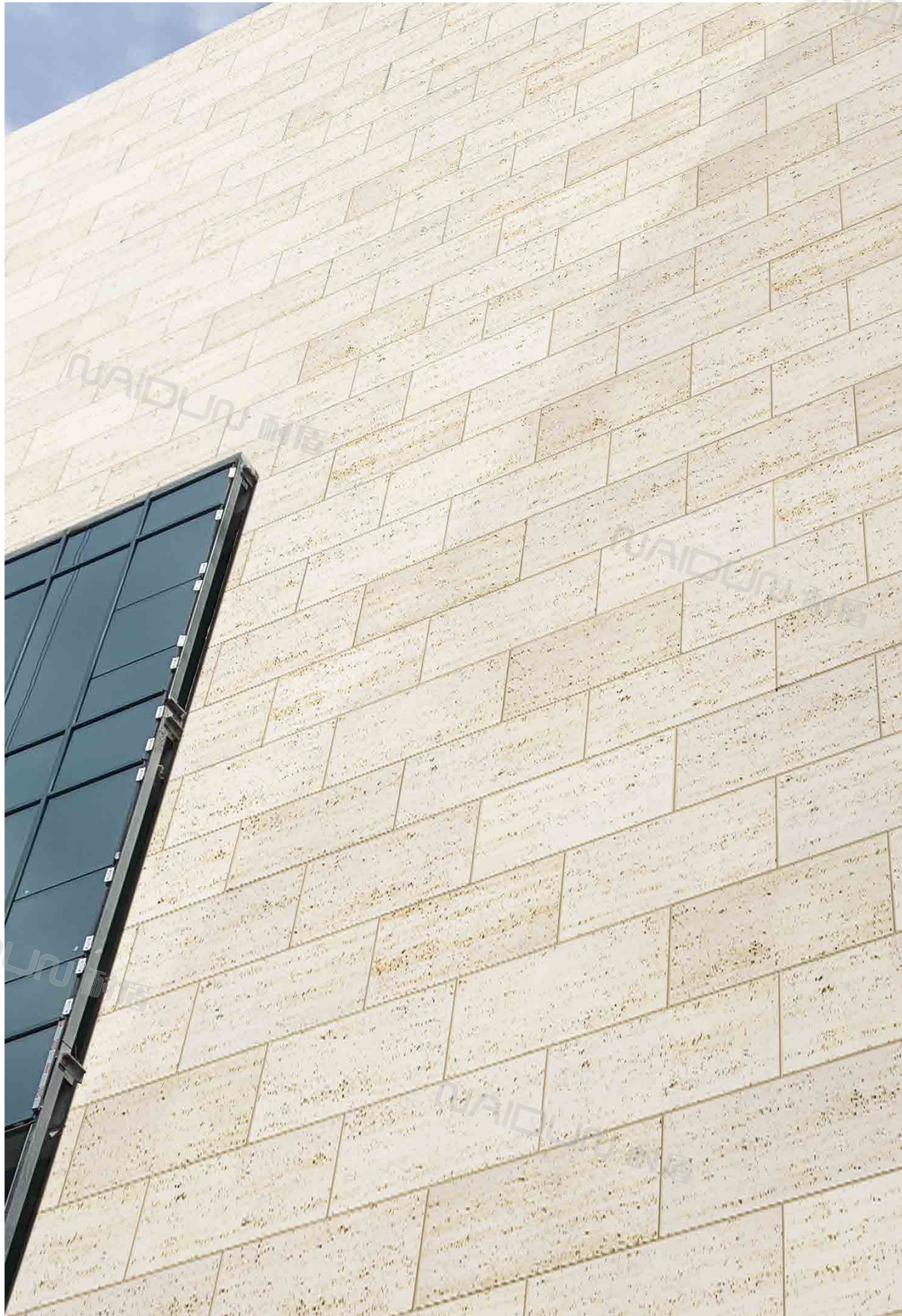
Cloudy White



Jazz Grey



Agate Yellow



Travertine

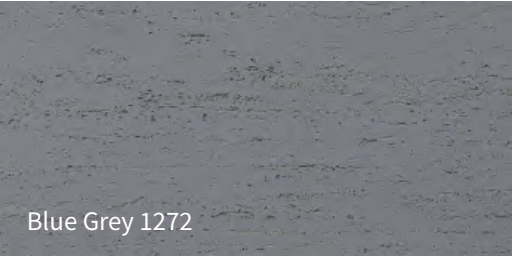
Regular Size Size

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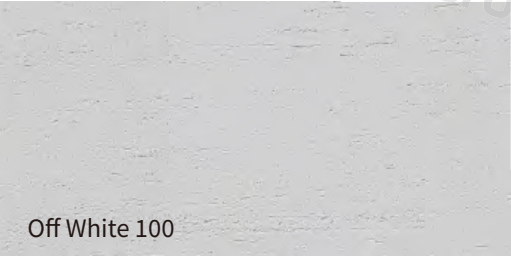
Thickness

2-4mm

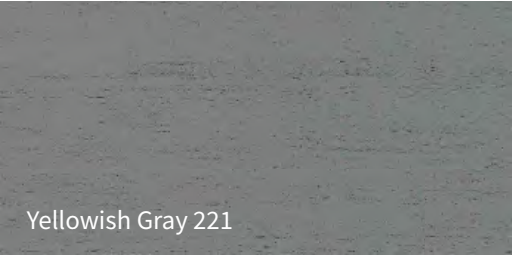
Regular colors



Blue Grey 1272



Off White 100



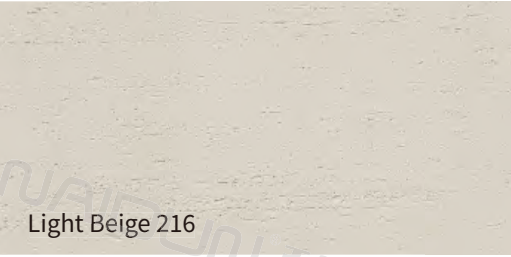
Yellowish Gray 221



Beige 215



White Golden 1112



Light Beige 216



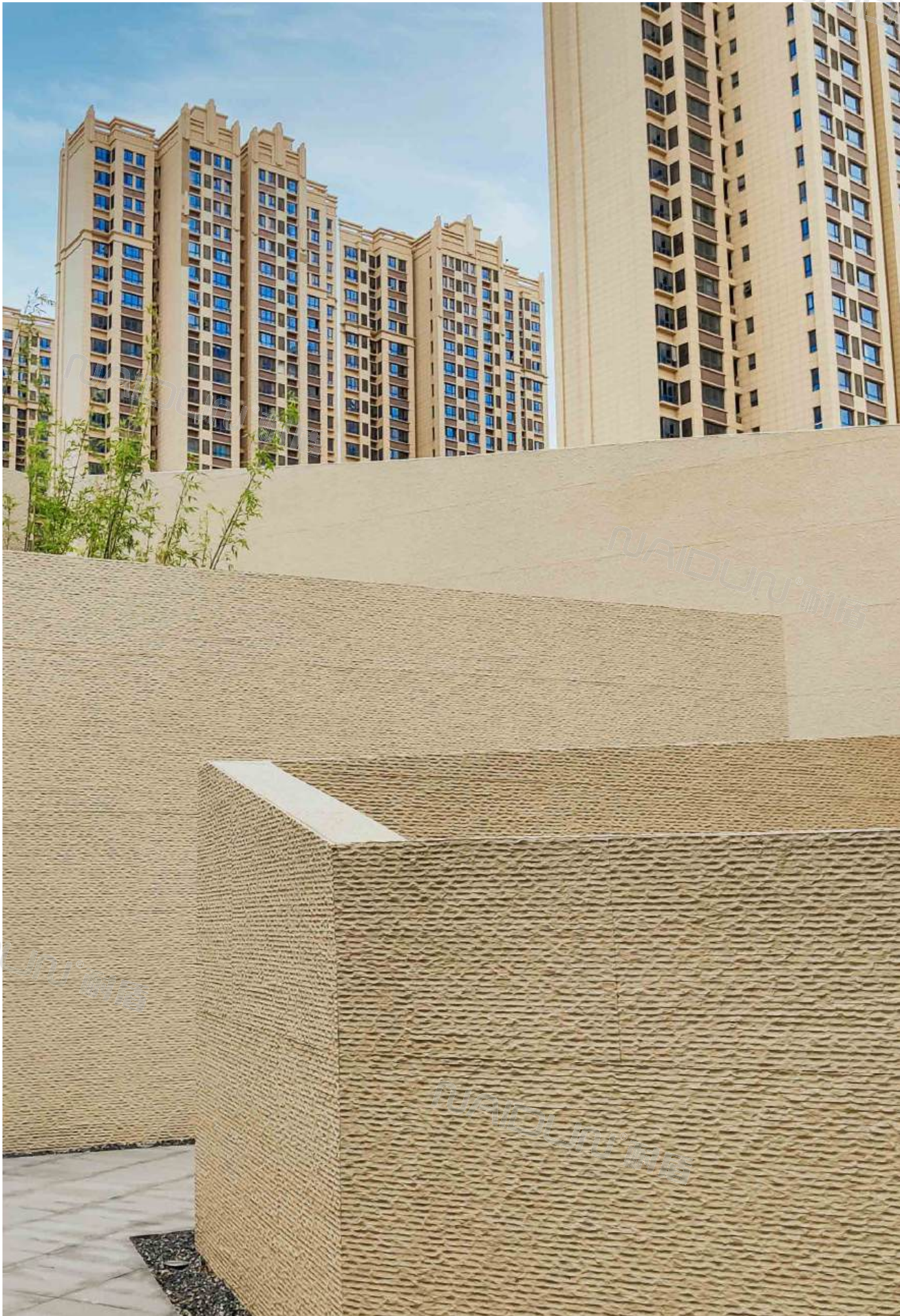
Roman Khaki 1465



Light Gray 052



Gradient White 871



Line Stone Board

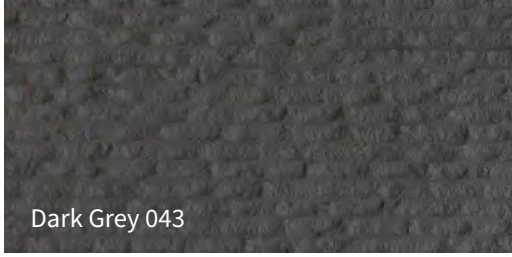
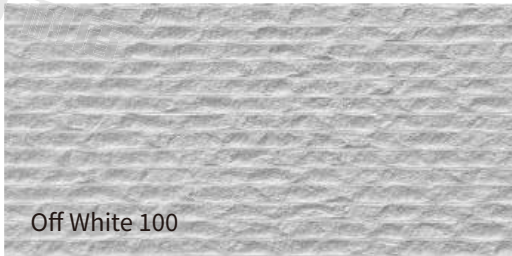
Regular Size Size
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness
2-8mm

3D inkjet color



Regular colors





Marble

Regular Size Size
1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

Thickness
2-4mm

■ 3D inkjet color



Misty White



Leman Grey



Misty Yellow



Andes White



Misty dark grey



Misty Pink



Pine



Cloud fog grey



Marble

Regular Size Size
1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

Thickness
2-4mm

■ 3D inkjet color



Veil White



Andes Grey

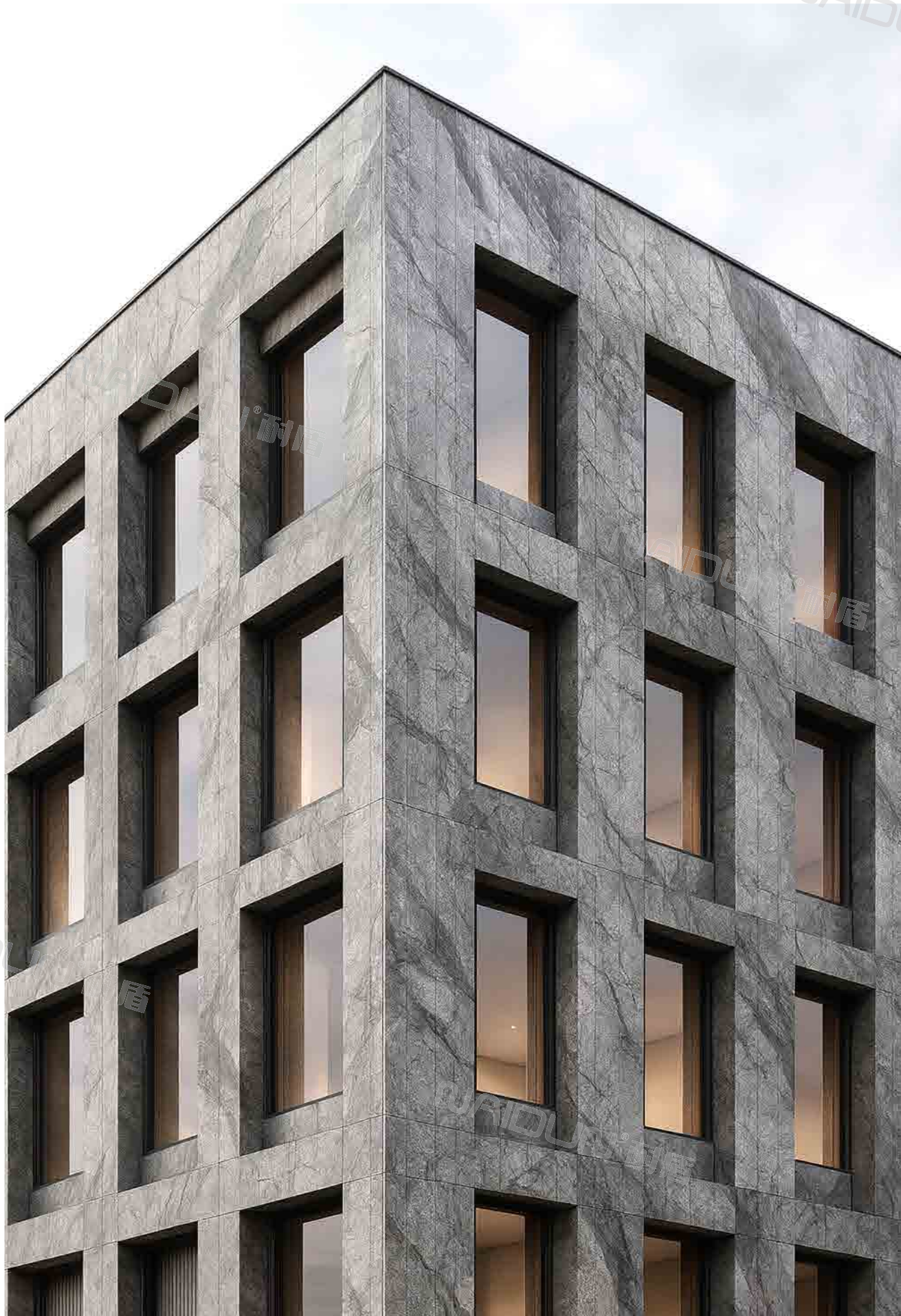
■ Regular colors



Off White 100



Beige 216



Ripple Board

Regular Size Size
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness
2-8mm

■ 3D inkjet color



Claybank



Lauren Gold



Dolomitic Grey



Classy Grey



Bulgari White



Classy Brown

■ Regular colors



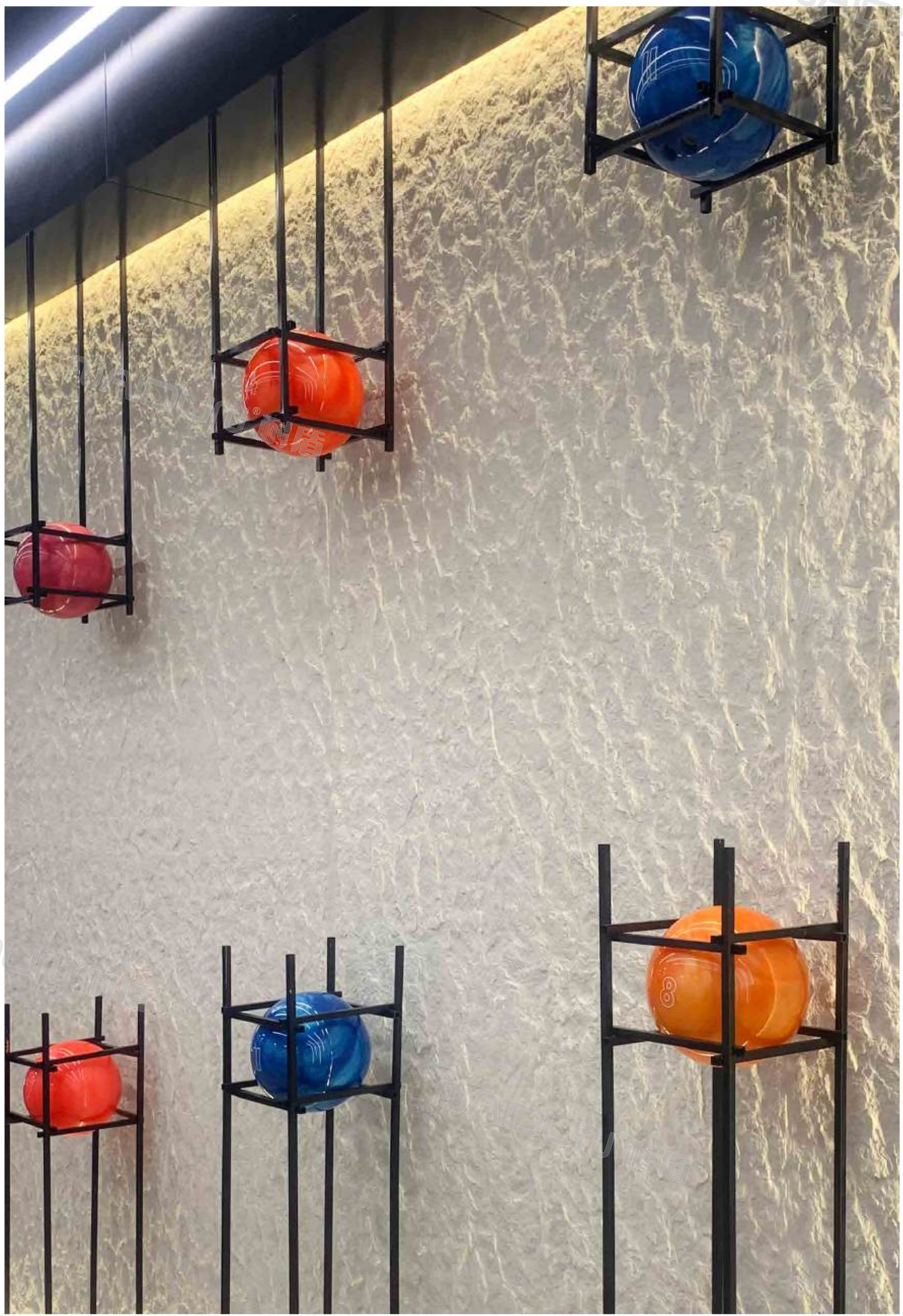
Off White 100



Medium Grey 107



Gray 1371



Starmoon Stone

Regular Size Size

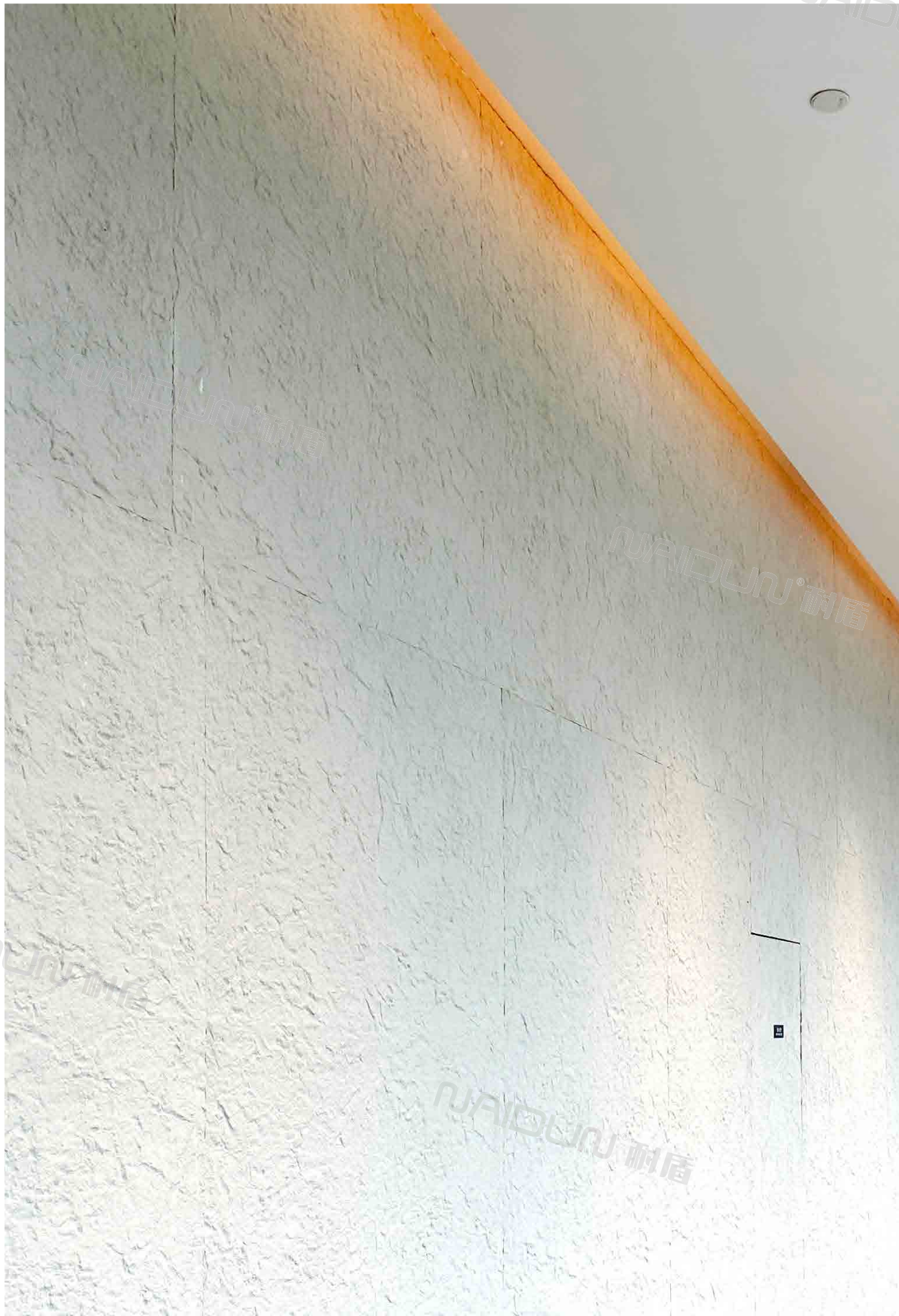
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm | 3000 * 1200mm

Thickness

3-10mm

Regular colors





Rockcut Stone

Regular Size Size
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness
3-8mm

■ Regular colors



Off White 100



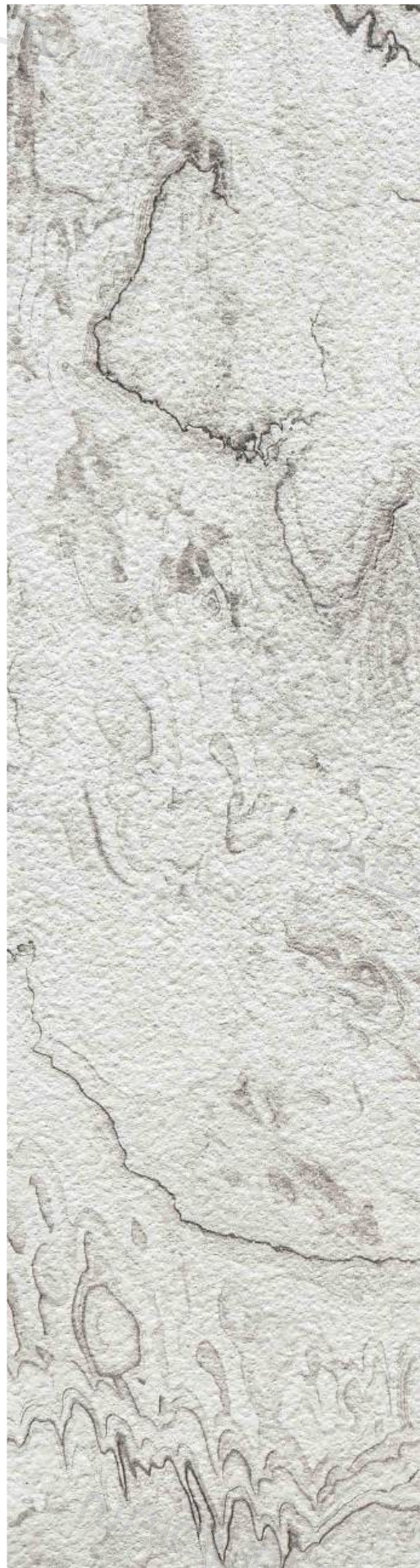
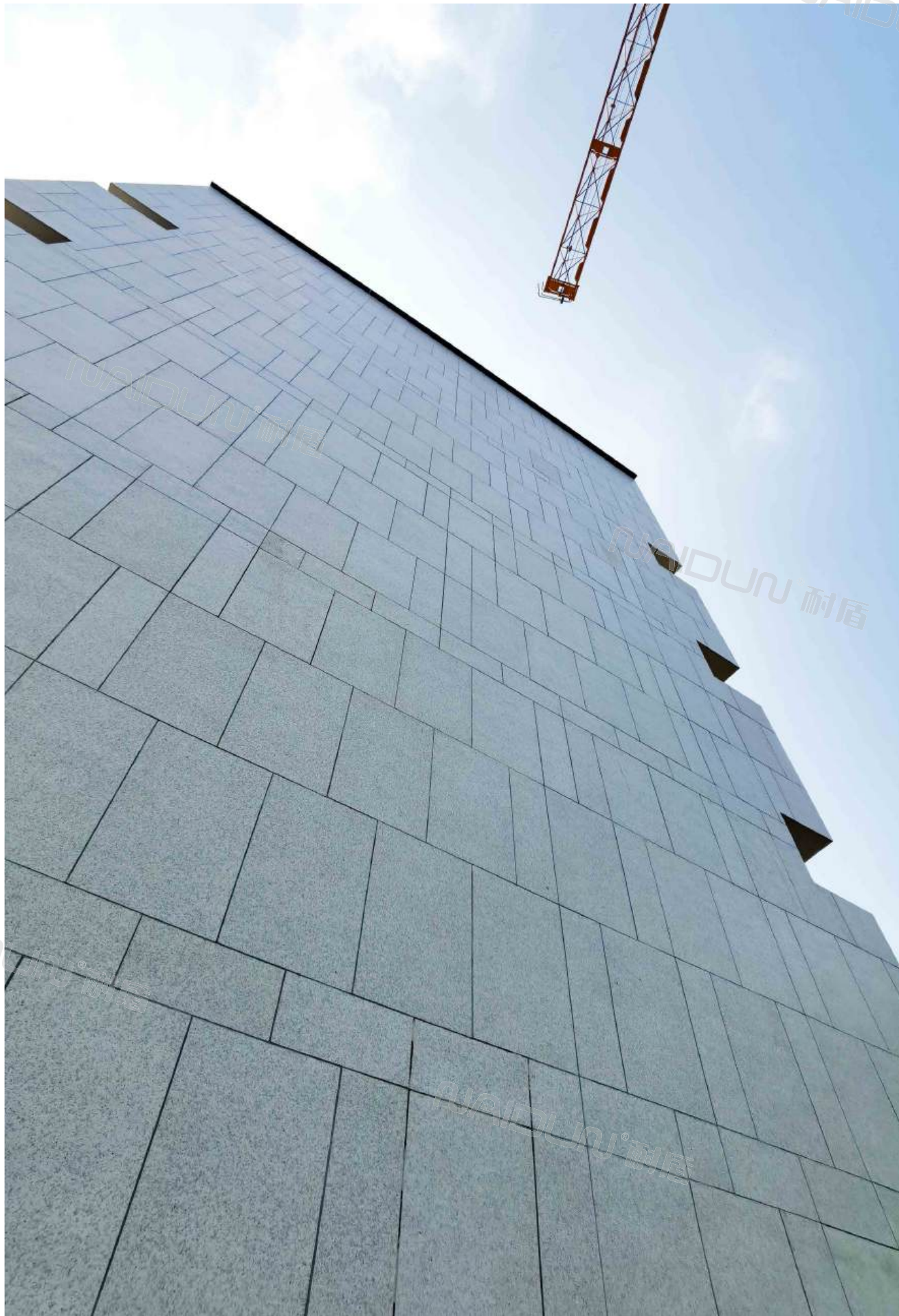
Medium Grey 107



Beige 215



Light Beige 216



Dacite

Regular Size Size
1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

Thickness
2-4mm

■ 3D inkjet color



Ink Painting



Pine



Bro Grey



N06



Bro Beige



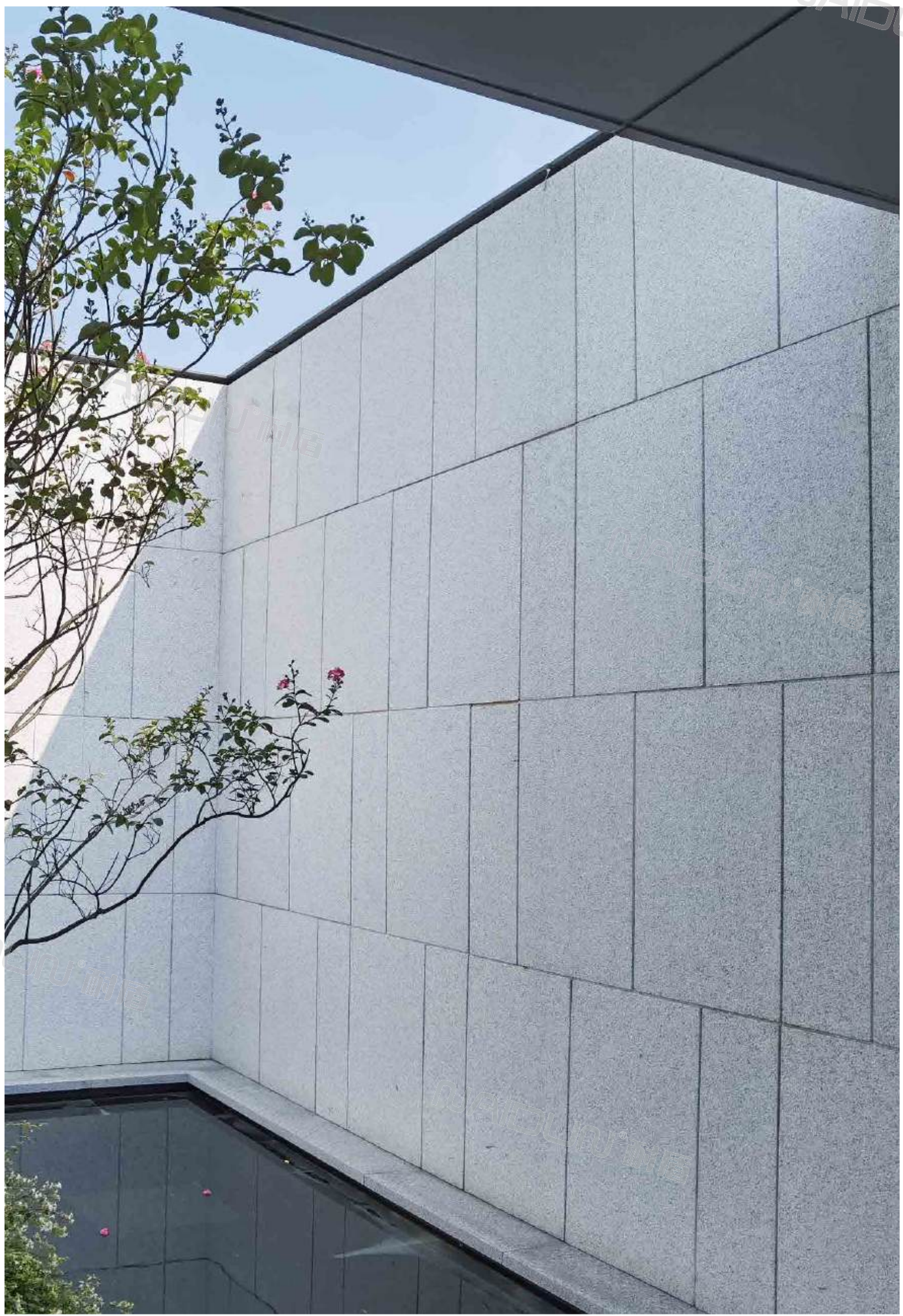
N08



Bro Light gray



N09

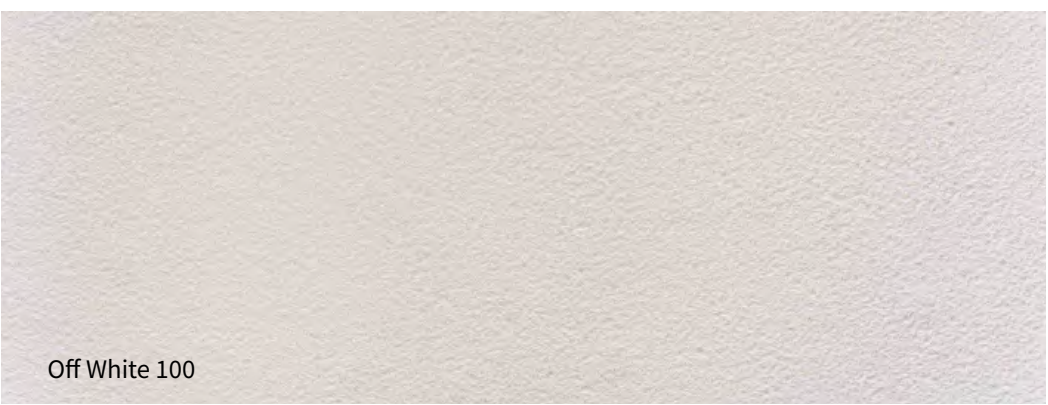


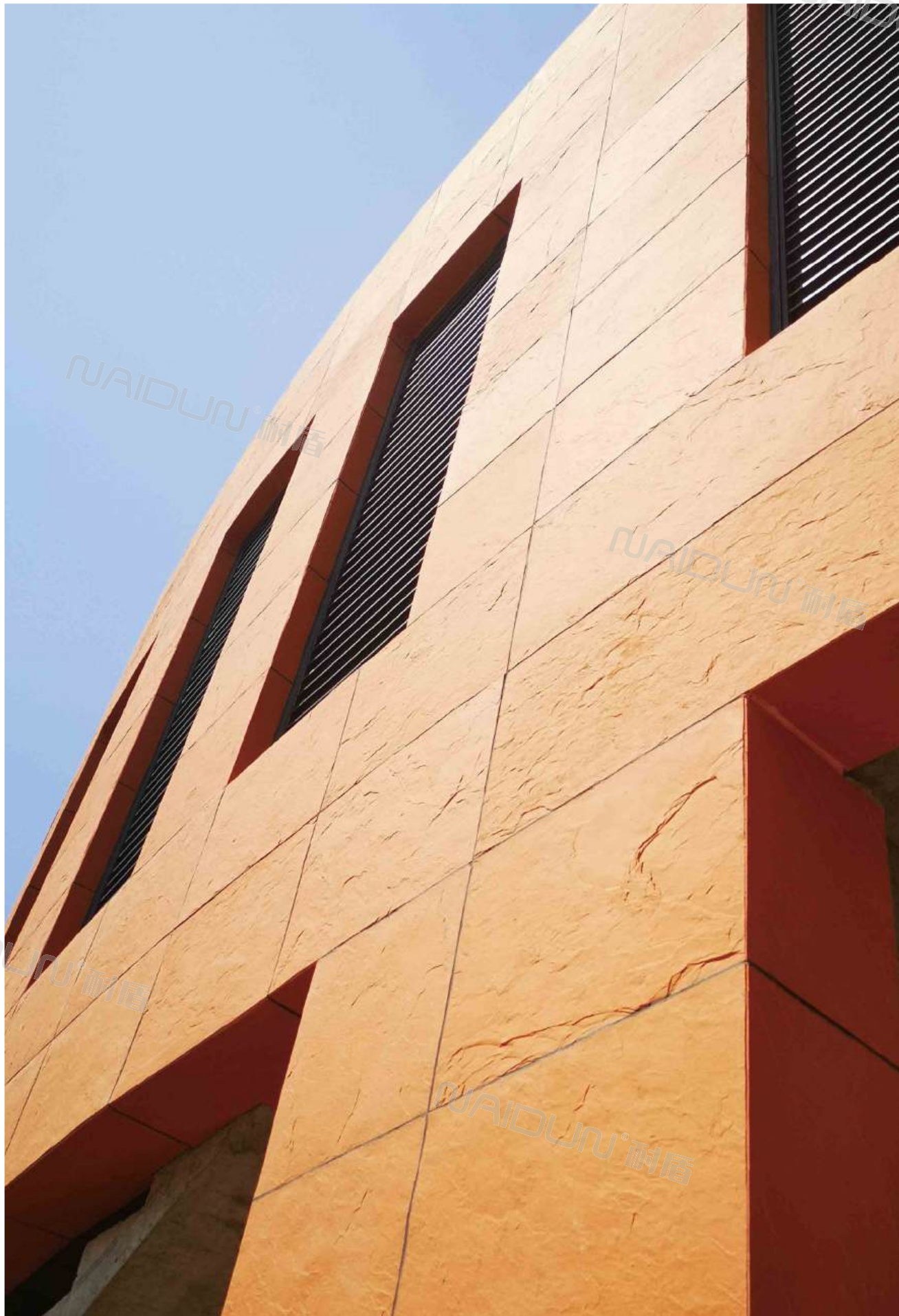
Dacite

Regular Size Size
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness
2 - 4mm

■ Regular colors





Slate

Regular Size Size

1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

Thickness

2-4mm

■ 3D inkjet color



Veil White



Portoro

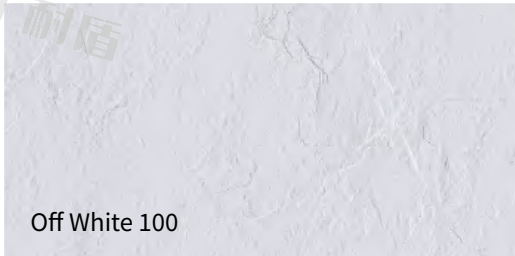


Veil Dark Grey



Veil Yellow

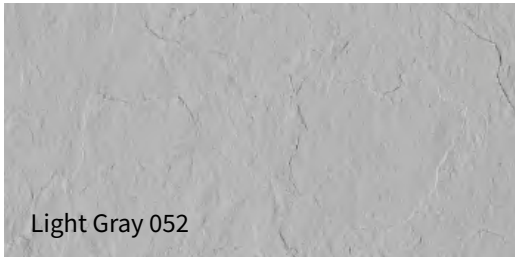
■ Regular colors



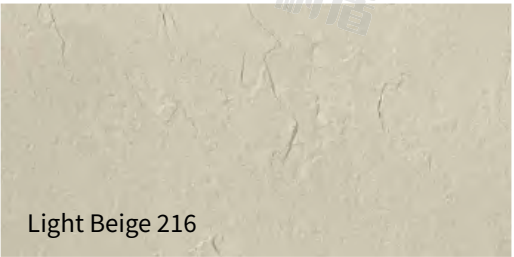
Off White 100



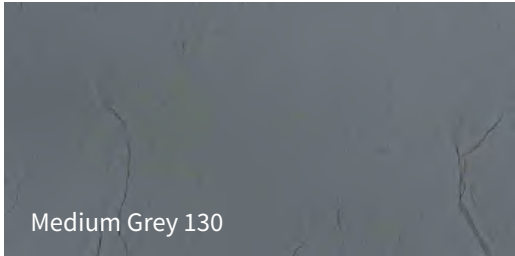
Beige 215



Light Gray 052



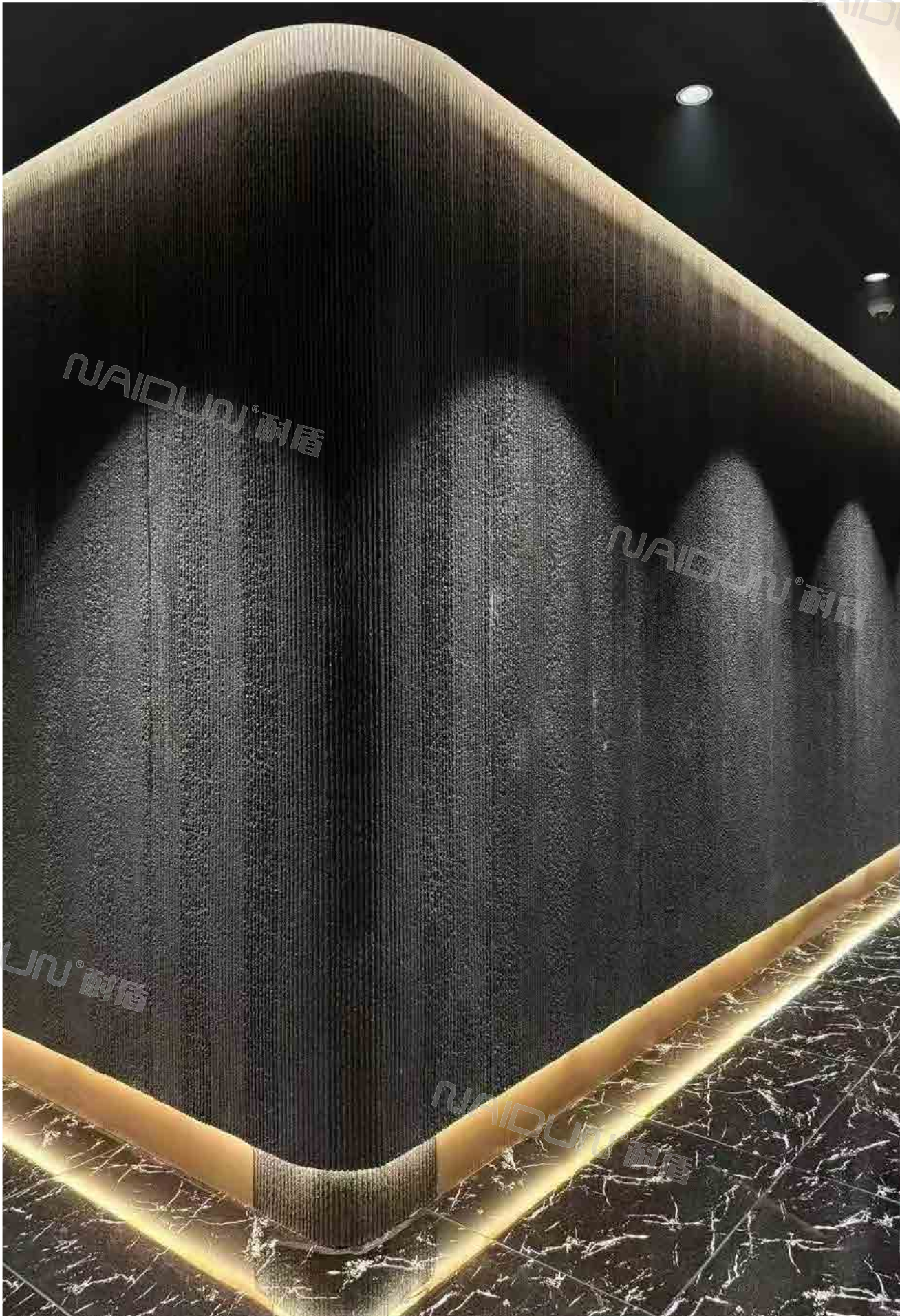
Light Beige 216



Medium Grey 130



Red 0224



Oman Linear stone

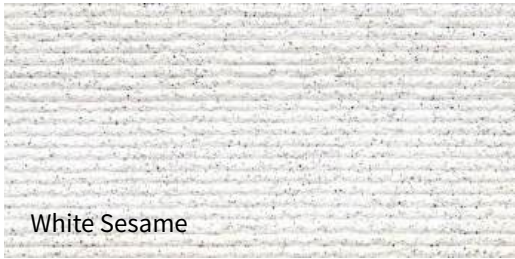
Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness

2-10mm

3D inkjet color



White Sesame



Andes White



Veil dark grey



Andes Grey



Clay Yellow

Regular colors



Off White 100



Grey 1272



Yellow 240



Square Line Stone

Regular Size Size
2700 * 600mm | 2700 * 1200mm

Thickness
2-8mm



■ Regular colors



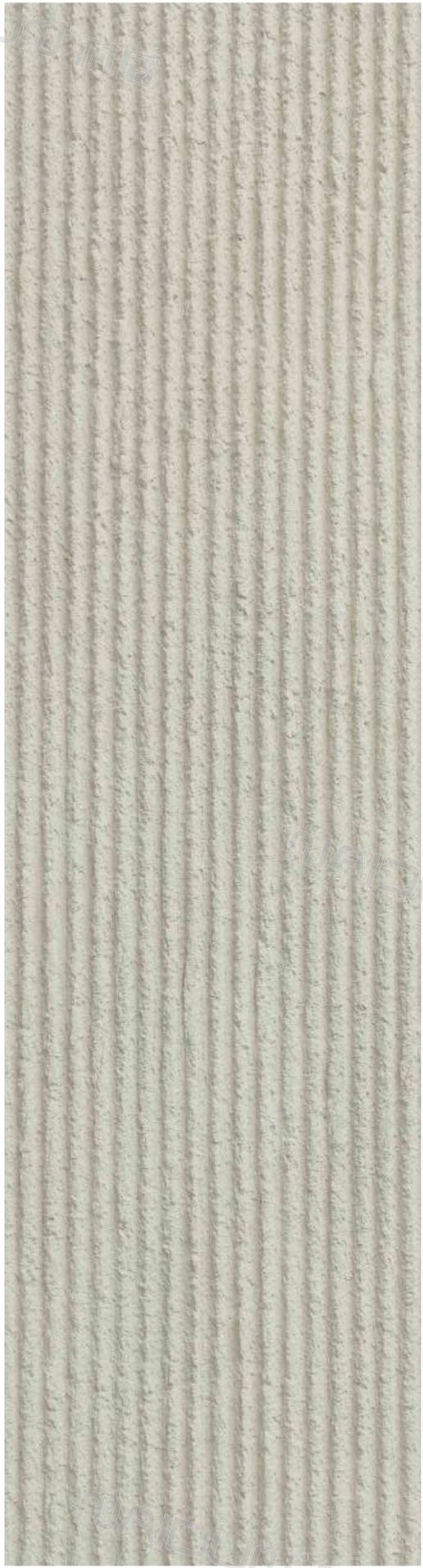
Off White 100



Beige 215



Gray 1371



Round Line Stone

Regular Size Size
2700 * 600mm | 2700 * 1200mm

Thickness
4-9mm

Regular colors



Off White 100



Beige 215



Dark Grey 043

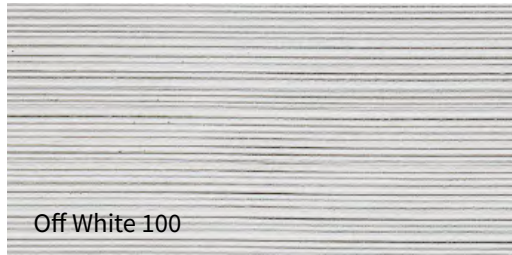


Fine Line Stone Board

Regular Size Size
2700 * 600mm | 2700 * 1200mm

Thickness
2-3mm

■ Regular colors



Off White 100



Grey 725



Medium Grey 107



Beige 215

■ 3D inkjet color



Coral Red



Romanti Blue



Coral Brown

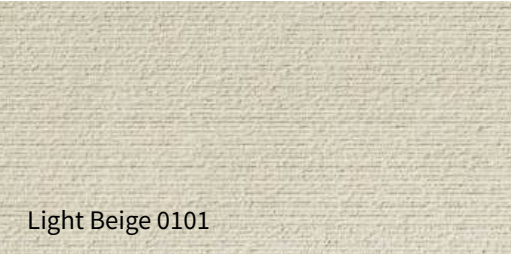
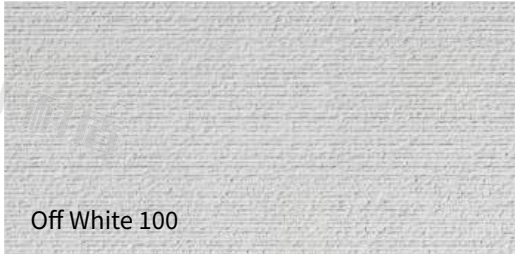


Ridge Stone

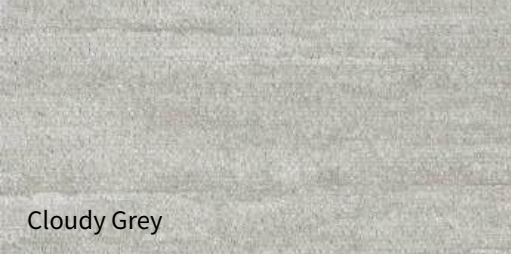
Regular Size Size
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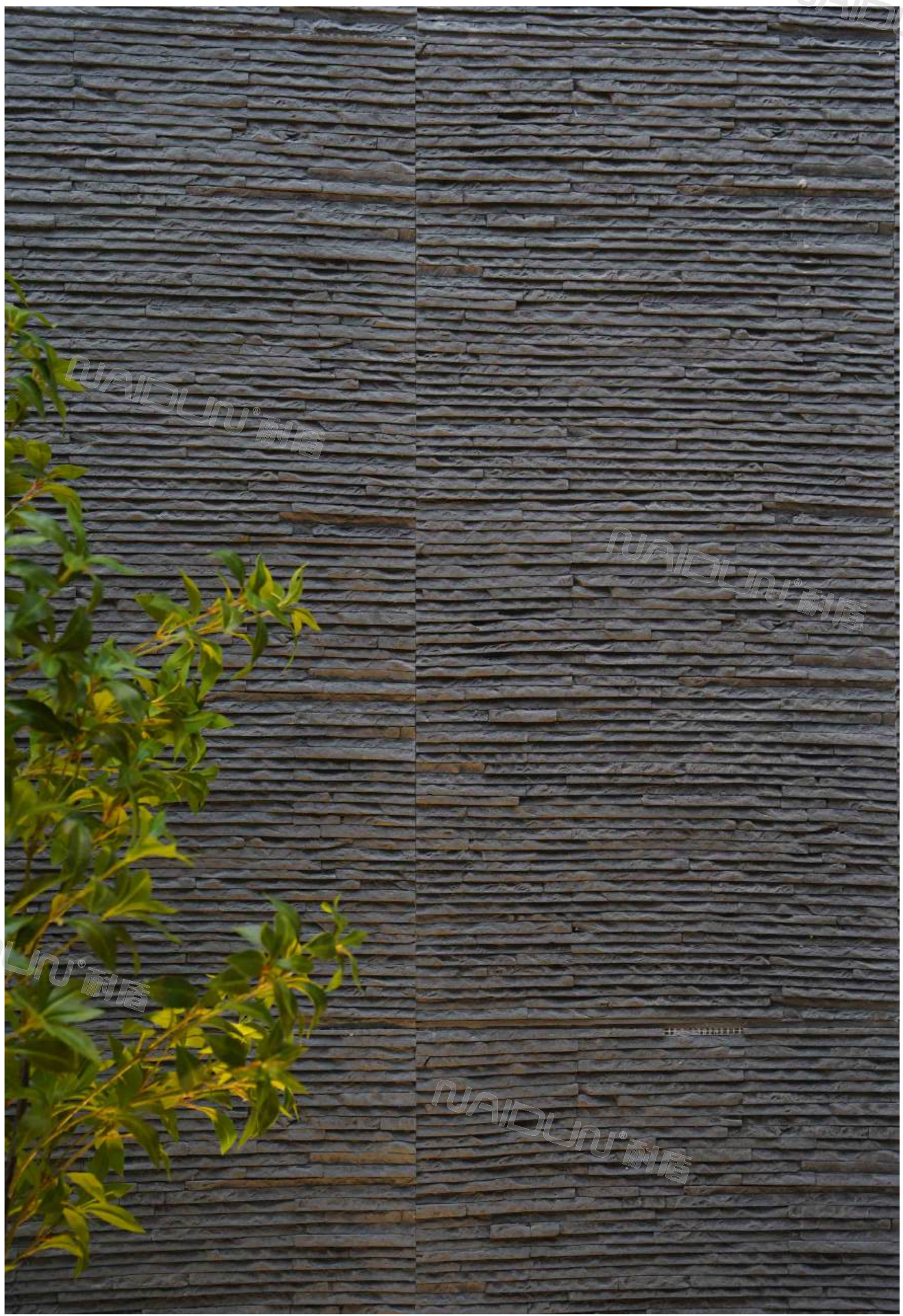
Thickness
2-4mm

■ Regular colors



■ 3D inkjet color





Muretto Stone

Regular Size Size

1200 * 600mm

Thickness

2-10mm

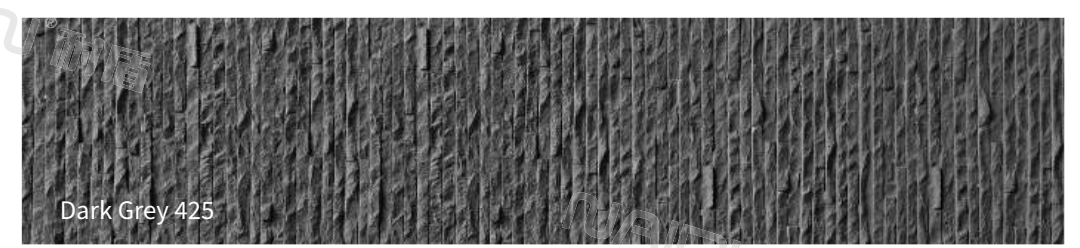
Regular colors



Off White 100



Light Gray 1273

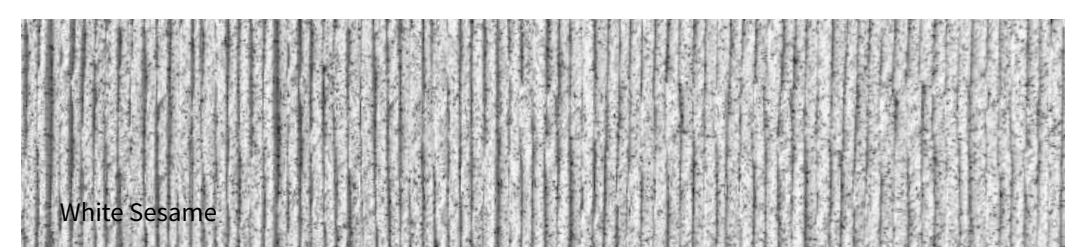


Dark Grey 425

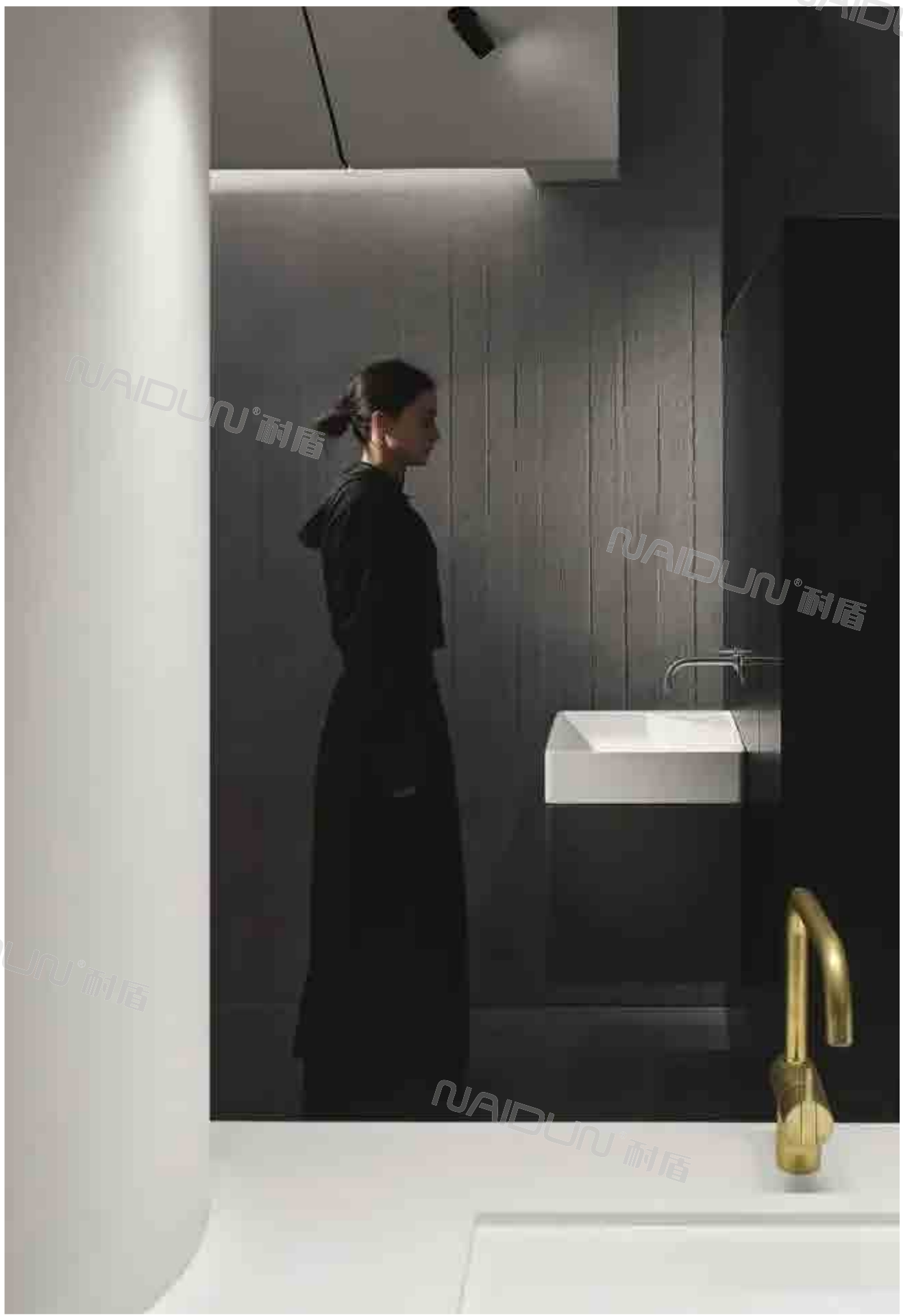
3D款名称



Anna Red



White Sesame

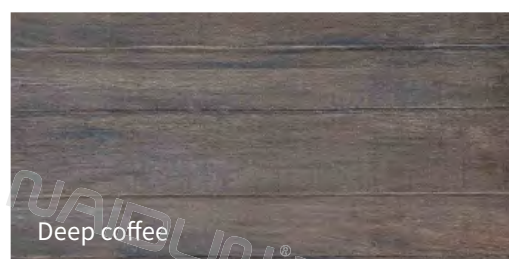
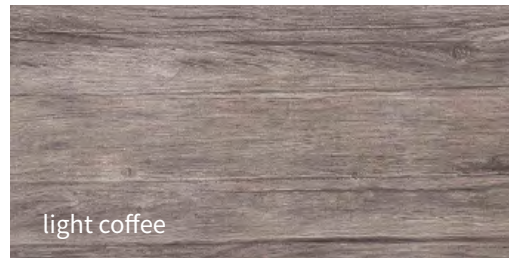


Wood Concrete Board

Regular Size Size
2700 * 600mm | 2700 * 1200mm

Thickness
2-5mm

■ 3D inkjet color





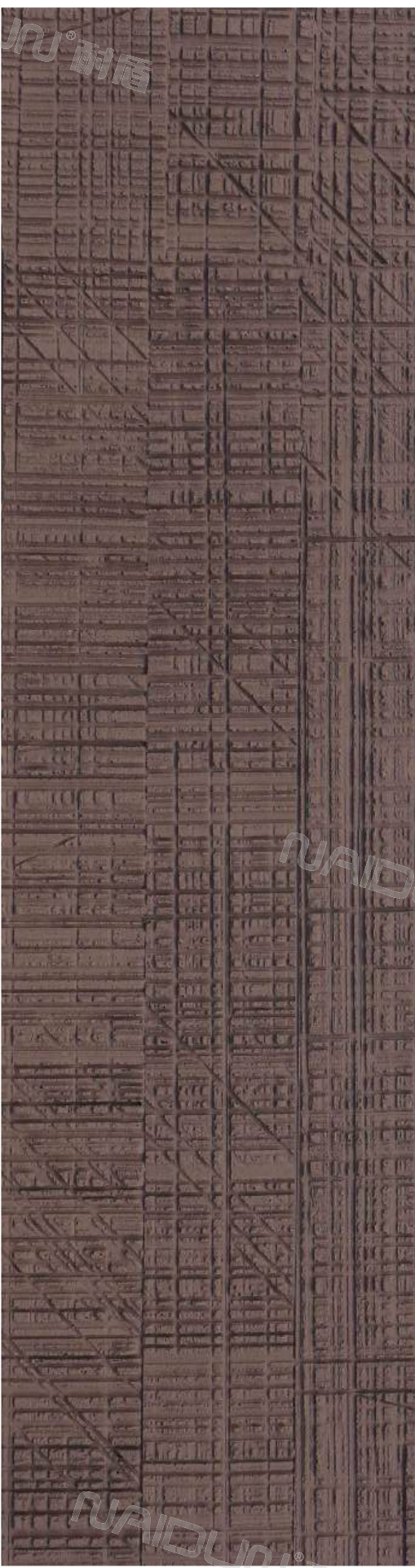
Wood Concrete Board

Regular Size Size
2700 * 600mm | 2700 * 1200mm

Thickness
2-5mm

Regular colors





Sawing wood

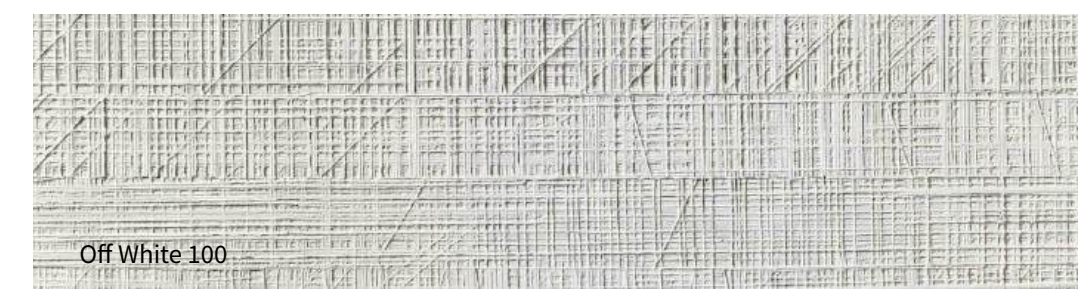
Regular Size Size

1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

Thickness

3-7mm

Regular colors



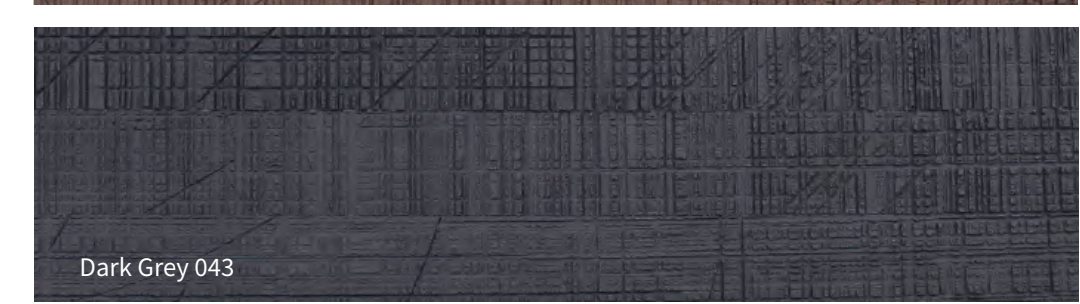
Off White 100



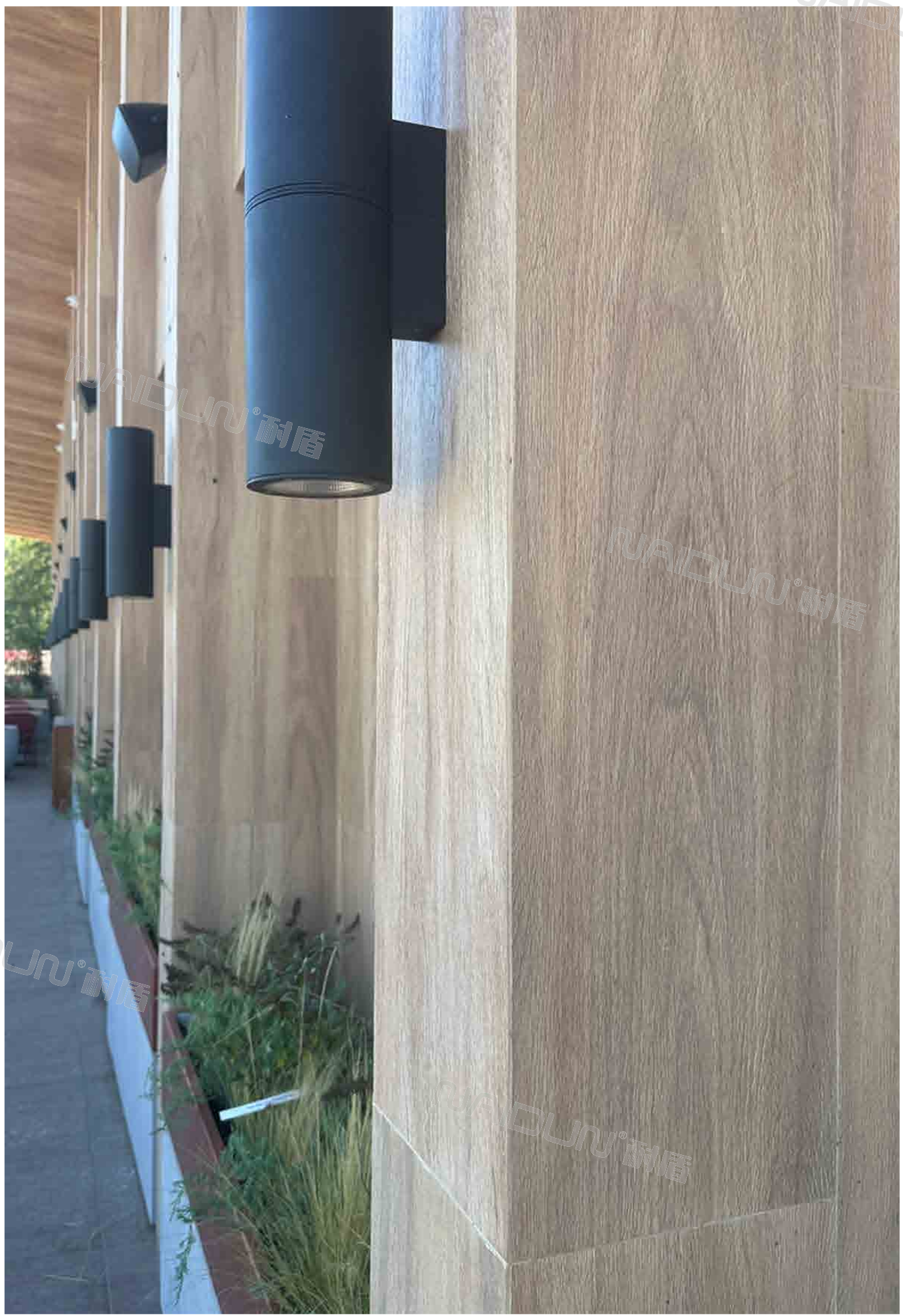
Birch Color 086



Dark Brown 062



Dark Grey 043



Original Wood

Regular Size Size

3000 * 600mm | 3000 * 1200mm

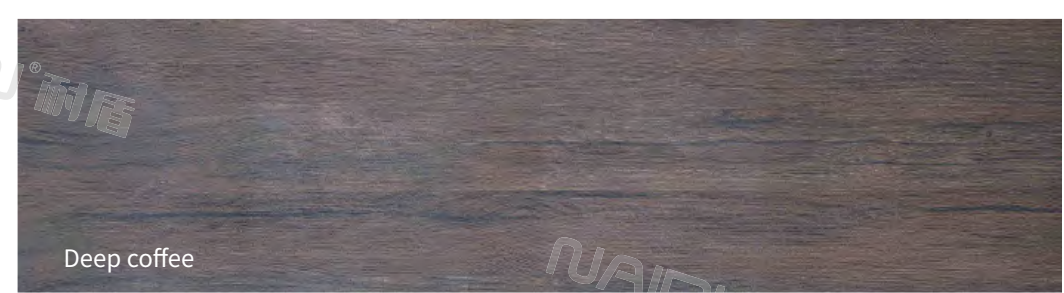
Thickness

2-4mm

3D inkjet color



Light coffee



Deep coffee



Nordic Yellow



Nordic Grey



Weaving

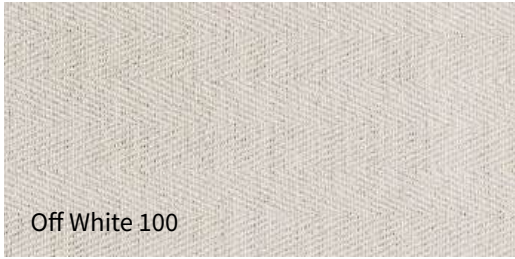
Regular Size Size

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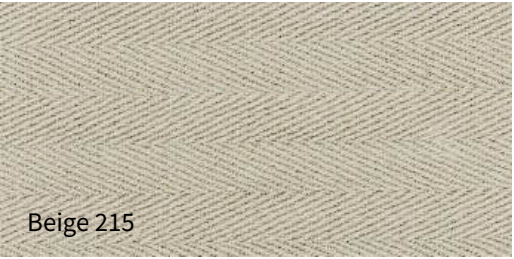
Thickness

3-5mm

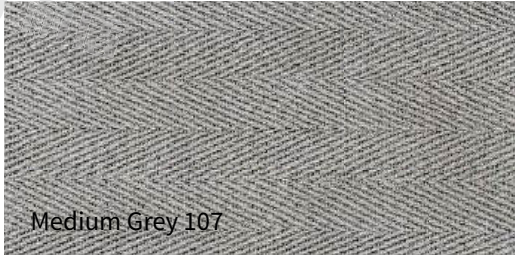
■ Regular colors



Off White 100



Beige 215



Medium Grey 107



Yellow 240



Dark khaki 056



Orange 823



Danxia Red 1093



Concrete Board

Regular Size Size

1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

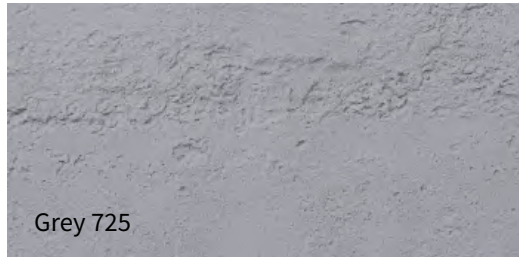
Thickness

2-4mm

Regular colors



Grey 130



Grey 725



Medium Grey 107



灰色130

3D inkjet color



Misty White



Misty Yellow



Misty dark grey



Cloud fog grey



Rammed Earth Board

Regular Size Size

1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness

2-4mm

3D inkjet color



Rosy clouds-02



Rosy clouds-03



Rosy clouds-01



Desert-03



Desert-01



Desert-02

Splicing Travertine

Regular Size Size
1200 * 600mm | 3000 * 600mm | 3000 * 1200mm

Thickness
2 - 8mm

Regular colors



Rammed Earth Board

Regular Size Size
1200 * 600mm | 2400 * 600mm | 2400 * 1200mm

Thickness
2 - 4mm

Regular colors

