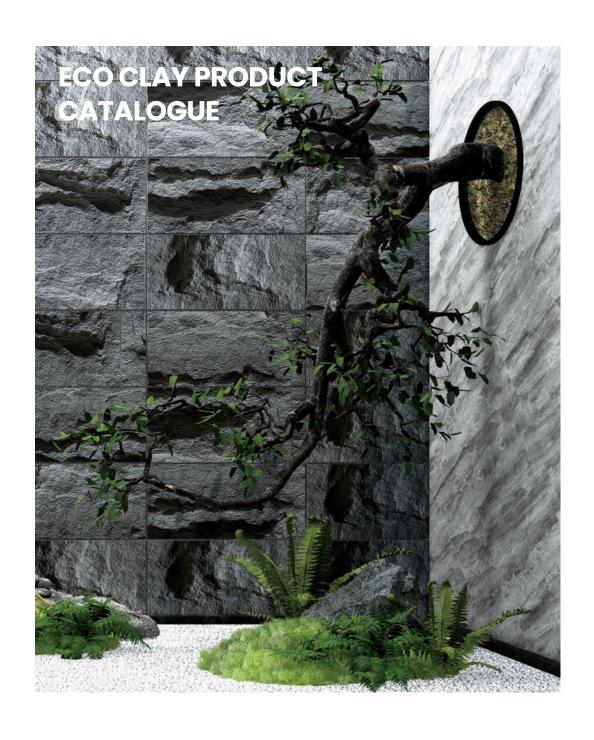


ECO SOFT TILES MCM

Quality design CERAMIQUE Land of Great Ceramic & Tiles

PRODUCT CATALOGUE







PRODUCT OVERVIEW



Raw materials collection

Gathers natural inorganic materials, including clay, stone dust, reactive mineral powders, and volcanic ash.



Performance Tuning

The flexibility and firmness of the final product can be adjusted by controlling the temperature of the curve and applying a modifier.



Raw material management

Inorganic materials are coloured, crushed and processed into small amounts of inorganic powders at a microscopic level.



Sheet moulding

Forming sheets, coils, blocks plates or profiles.



Composite Modified

Using our core patented technology, we utilise specific active groups to modify the particle surface compound, creating eco-friendly activated soil.



Return to cultivated land

It can be crushed and returned to ploughing soil without causing harm, exemplifying the concept of sustainable, recyclable and lowcarbon development.



Production modelling

Enter the self-developed fully automated production line modelling.



TECHNICAL CHARACTERISTICS



Resistant to ageing and salt spray

Resistance to accelerated aging test of 2000 (h) or more, equivalent to 30 years outdoors; in the coastal high salt spray environment can also be long-lasting.



Resistance to freezing and melting

Freeze-thaw test up to 15 times, the surface without powder, no cracks, no peeling can be used in extremely cold places.



Thin and lightweight

The material is lightweight at only 3-6kg per square metre with an average thickness of 2.5-4mm, resulting in time, energy, and space savings. Additionally, construction is convenient.



High temperature

The fire rating meets the standard of China A2 level flame retardant and EU A2 level flame retardant. Additionally, it provides some heat-insulating and reflective properties while maintaining safe performance.



Flexible customization

Soft texture, bendable, and ductile materials deliver superior performance with anti-seismic and anticracking properties.



Antistatio

Physical properties are stable and neutral, and do not actively absorb dust or fear haze and dust. They can be self-cleaned by rain wash as before, without any concern for dirt accumulation.



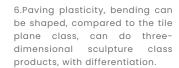
Moisture management

Lightweight and breathable, it absorbs moisture in humid indoor environments and releases it in dry environments, ensuring you remain dry and comfortable even on "return days".

PRODUCT ADVANTAGE

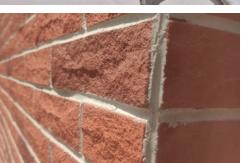
- 1. These new environmentally friendly materials are made from natural resources, can be recycled, and will not emit harmful substances into the environment. They are versatile and can be used with a range of materials and products.
- 3. sound-absorbing function, adsorption of odour decomposition of formaldehyde and other superimposed functions, later development can do inkjet superimposed.
- 5. These three renovation projects are particularly suitable, easy to operate, and offer convenient construction, shorter construction periods, and low costs.
- 7.lt can serve as a replacement for alternative materials utilized for constructing interior walls.

- 2. With its moisture-proof and humidity- proof function, this product is designed to regulate indoor humidity levels. It is ideal for use in unique settings and environments where specific requirements are necessary.
- 4. Good flexibility, not easy to crack in the impact resistance test



8. Small MOQ, short production cycle, not easily affected by the number of scheduling delivery.





ECO SOFT CLEY (MCM) vs Other decoration materials

type	МСМ	emulsion paint	shakespeare	diatomaceous earth	fibre integrated wall panel	solid wood siding	soft pack background wall
deodorisation	long-lasting decomposition of formaldehyde	no such futnction	no such function	some brands are available and require UV excitation	no such function	no such function	no such function
anti-bacterial and anti-mould	anti- bacterial	no such futnction	no such function	some of the brands have	no such function	no such function	no such function
temperature control	excellent	average	average	excellent	average	medium	average
air permeability	excellent	average	average	excellent	average	excellent	average



3D MARBLE SERIES

Realistically reproduced natural stone with concave and convex textures, delicate layers of texture, and a 3D effect visible to the naked eye.









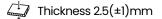




Product Size



Size: 600x1200 mm, 1200x2400 mm





SERIES OF ECO CLAY

It combines beauty and grandeur, with elegant textures and noble and elegant temperament, which can add a charming charm to the space.

With irregular texture and color changes, the stripes resemble the shape of tree rings, adding a natural and graceful feel to the entire space.

























VENUS WHITE MARBLE

PERFORMANCE

It combines beauty and grandeur, with elegant textures and noble and elegant temperament, which can add a charming charm to the space.

FLX-090

600×1200×2.5(±1)mm 1200×2400×2.5(±1)mm







VENUS YELLOW MARBLE

PERFORMANCE

With irregular texture and color changes, the stripes resemble the shape of tree rings, adding a natural and graceful feel to the entire space.

600×1200×2.5(±1)mm 1200×2400×2.5(±1)mm





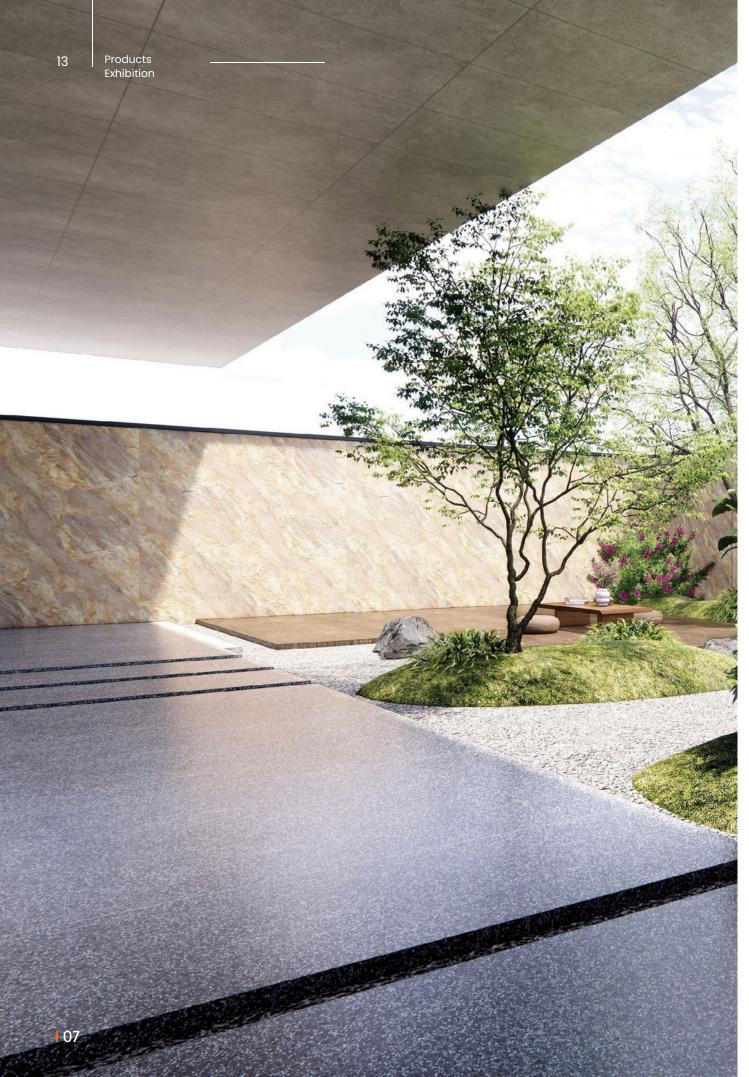












YELLOW STONE

PERFORMANCE

Yellowstone Park is known as the "palette of nature". Various natural landscapes grow wildly and blend together. It is the most magical beauty on the earth, with the decorative effect of returning to nature and returning to nature.

FLX-092

600×1200×3.5(±1)mm 1200×2400×2.5(±1)mm

MATT













Flexira



COLD MOUNTAIN WHITE MARBLE

PERFORMANCE

The texture of natural marble icebergs has a unique and dynamic beauty. Large-area paving can calmly blend disorder and harmony into one.

FLX-093

600×1200×2.5(±1)mm 1200×2400×2.5(±1)mm







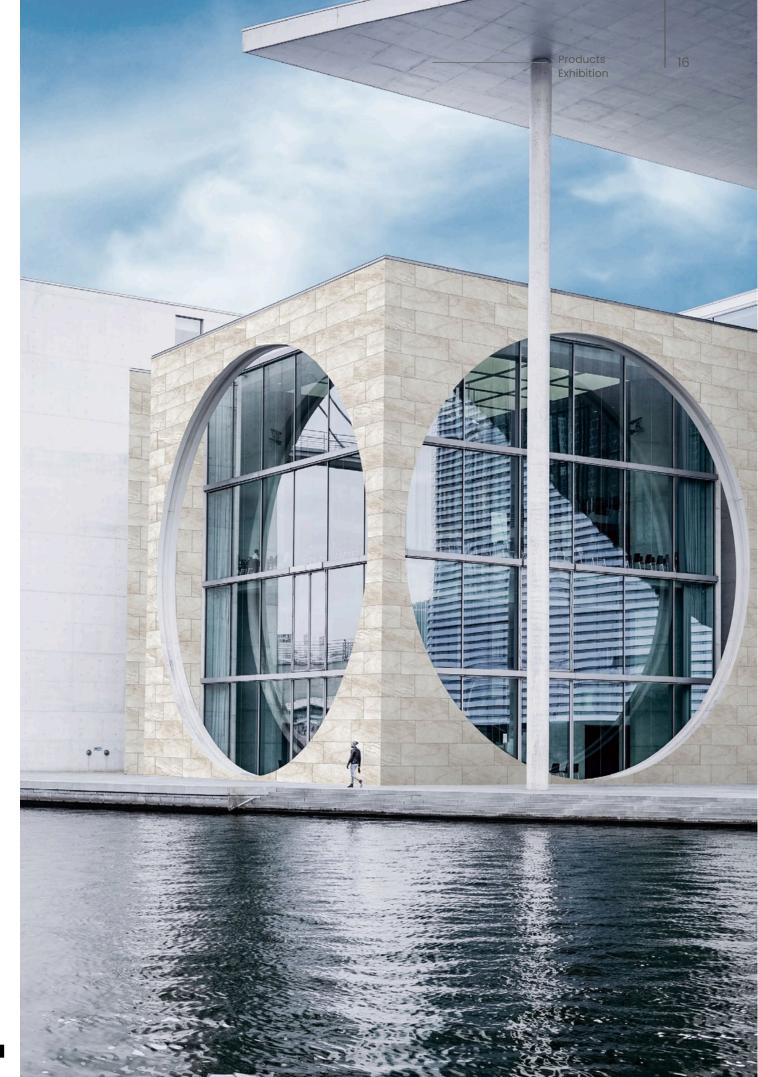












Product Size

Size: 600x1200 mm, 1200x2400 mm

Thickness 2.5(±1)mm







CLOUD GREY MARBLE FLX-095



CLOUD BEIGE MARBLE FLX-096

SERIES OF ECO CLAY

The texture of natural marble icebergs has a unique and dynamic beauty. Large-area paving can calmly blend disorder and harmony into one.

The texture effect is like flowing clouds and flowing water, like clouds floating in the sky. It is majestic, layered and rich in connotation, and is suitable for a variety of architectural styles.







weight temperature



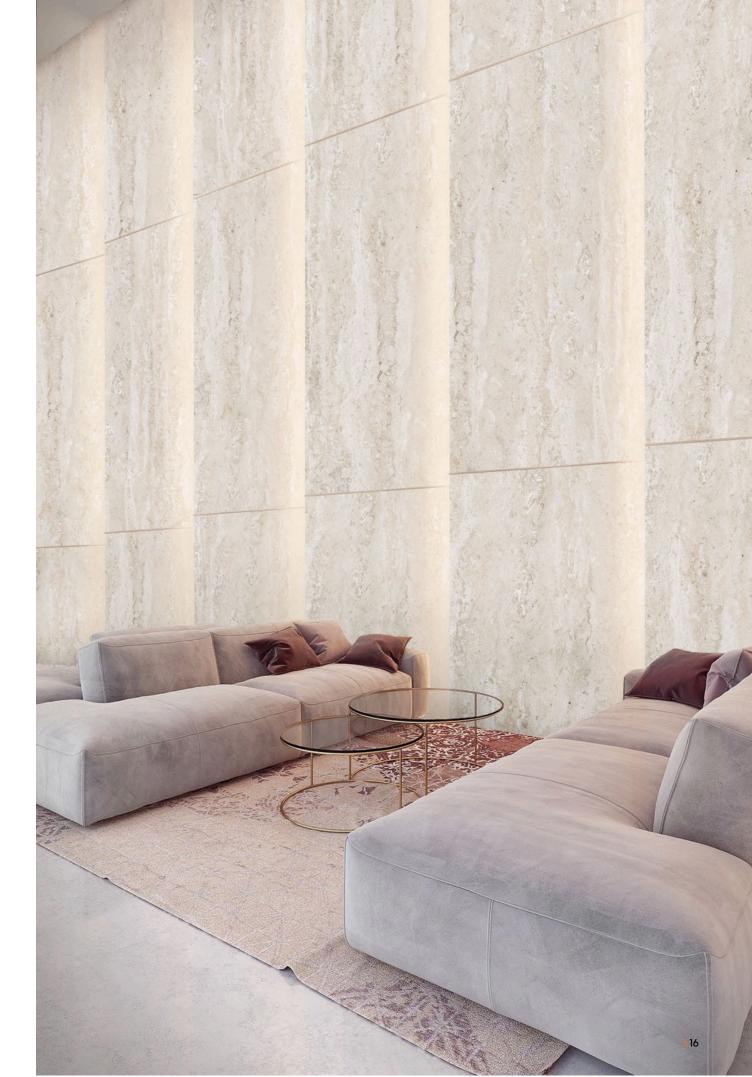


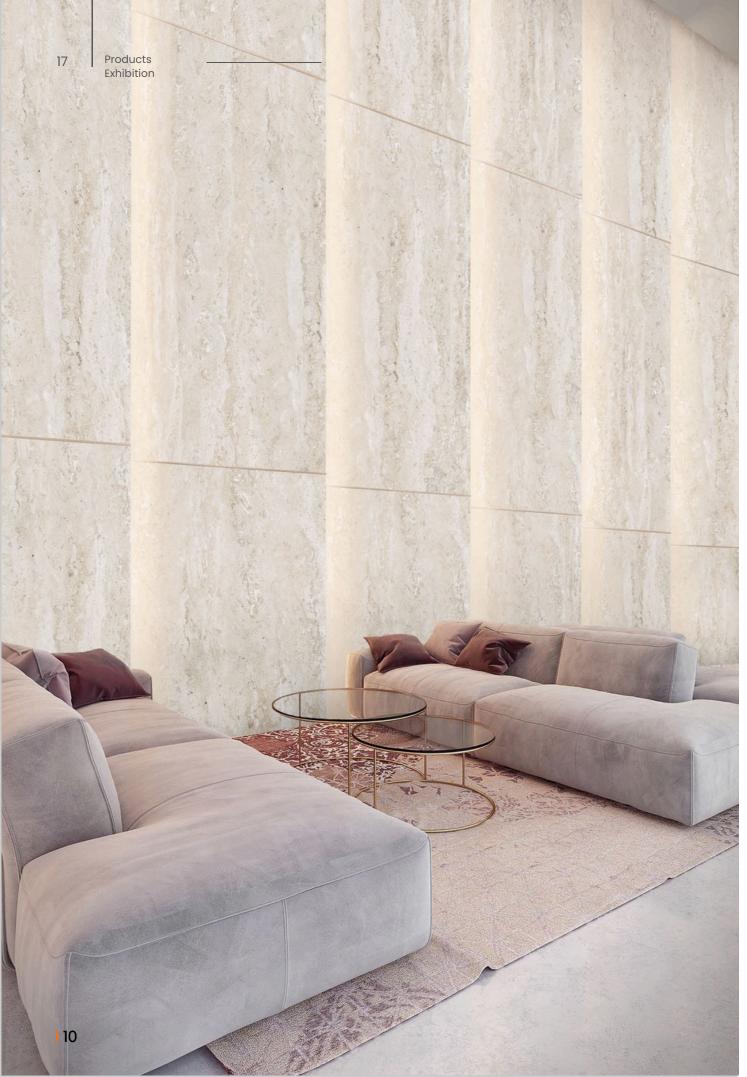












CLOUD WHITE MARBLE

PERFORMANCE

The texture effect is like flowing clouds and flowing water, like clouds floating in the sky. It is majestic, layered and rich in connotation, and is suitable for a variety of architectural styles.

FLX-094

600×1200×2.5(±1)mm 1200×2400×2.5(±1)mm



























SKY SAND

Flexira Tiles

Product Size

Size: 600x1200 mm, 1200x2400 mm

Thickness 2.5(±1)mm



SERIES OF ECO CLAY

The soft tones and delicate texture can add a natural and elegant beauty to whether it is a family home or a commercial space.

MATT





weight temperature







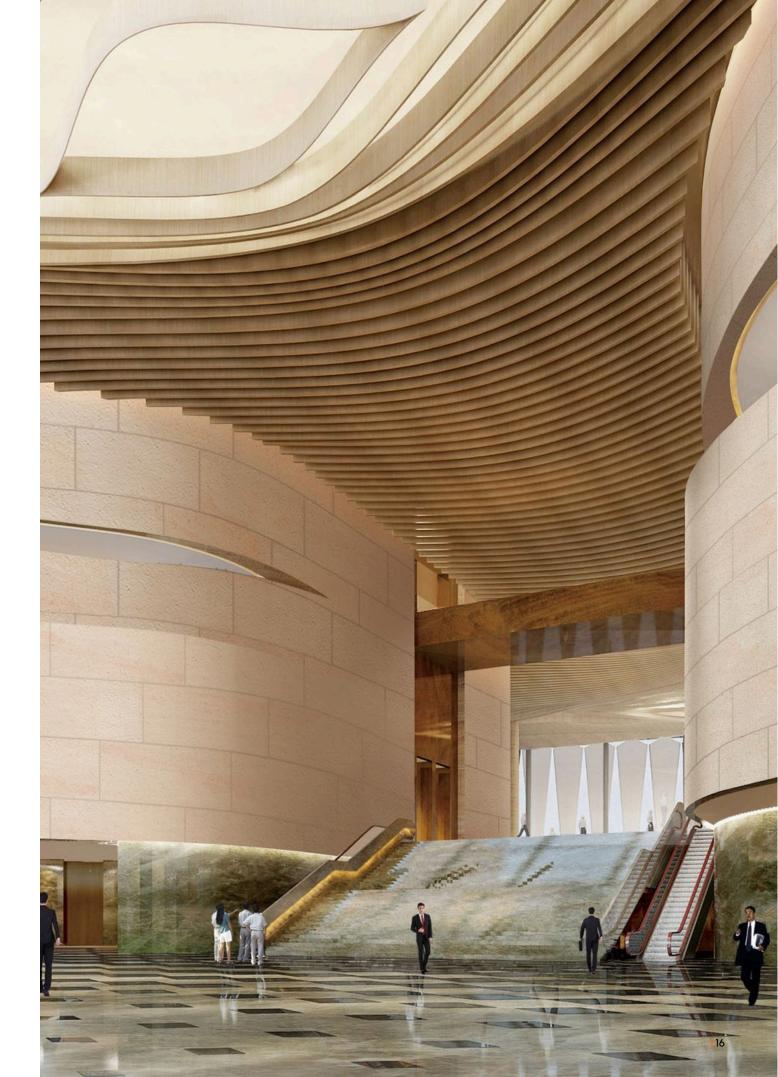












SKY SAND LIGHT BEIGE

PERFORMANCE

The soft tones and delicate texture can add a natural and elegant beauty to whether it is a family home or a commercial space.

FLX-097

600×1200×2.5(±1)mm 1200×2400×2.5(±1)mm







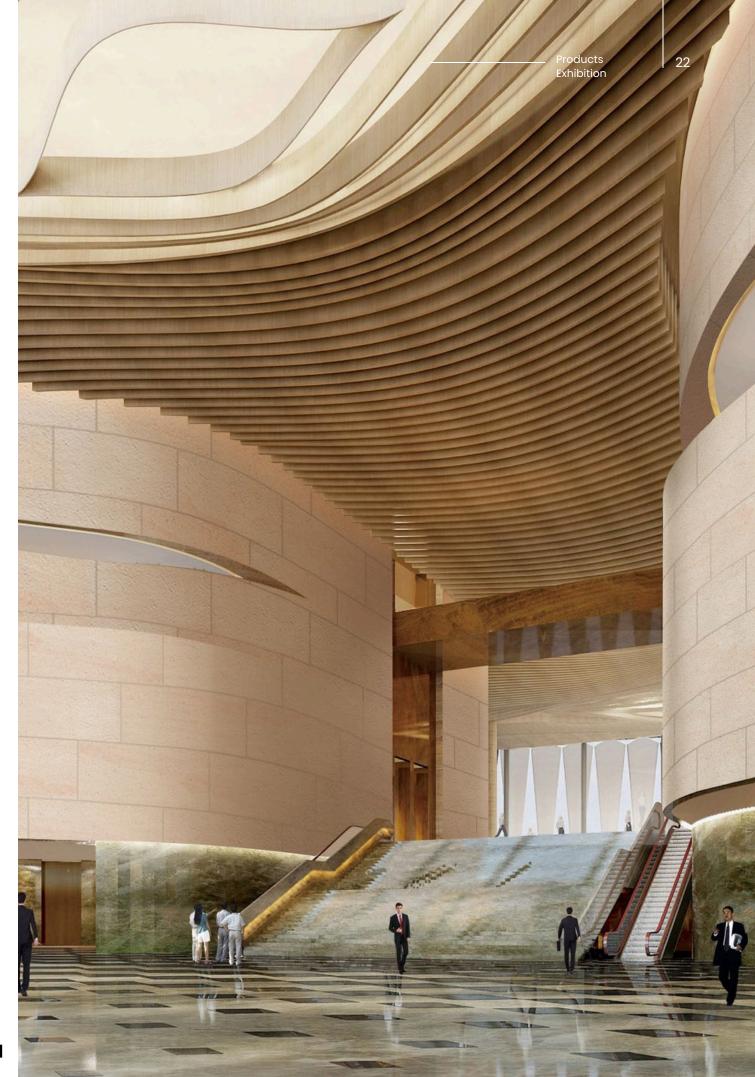


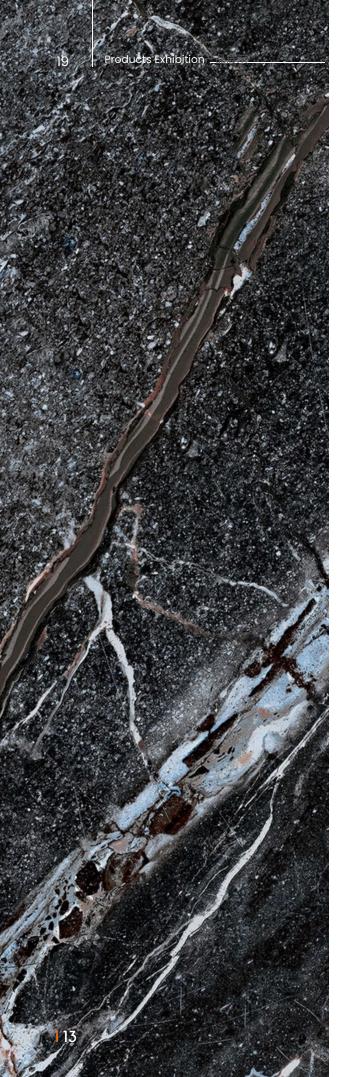












MONICA BLACK MARBLE

PERFORMANCE

One of the classic black marble patterns, the color is deep and beautiful, which can add elegance and dignity to the building.

MODEI

FLX-099

600×1200×2.5(±1)mm 1200×2400×2.5(±1)mm

MATT





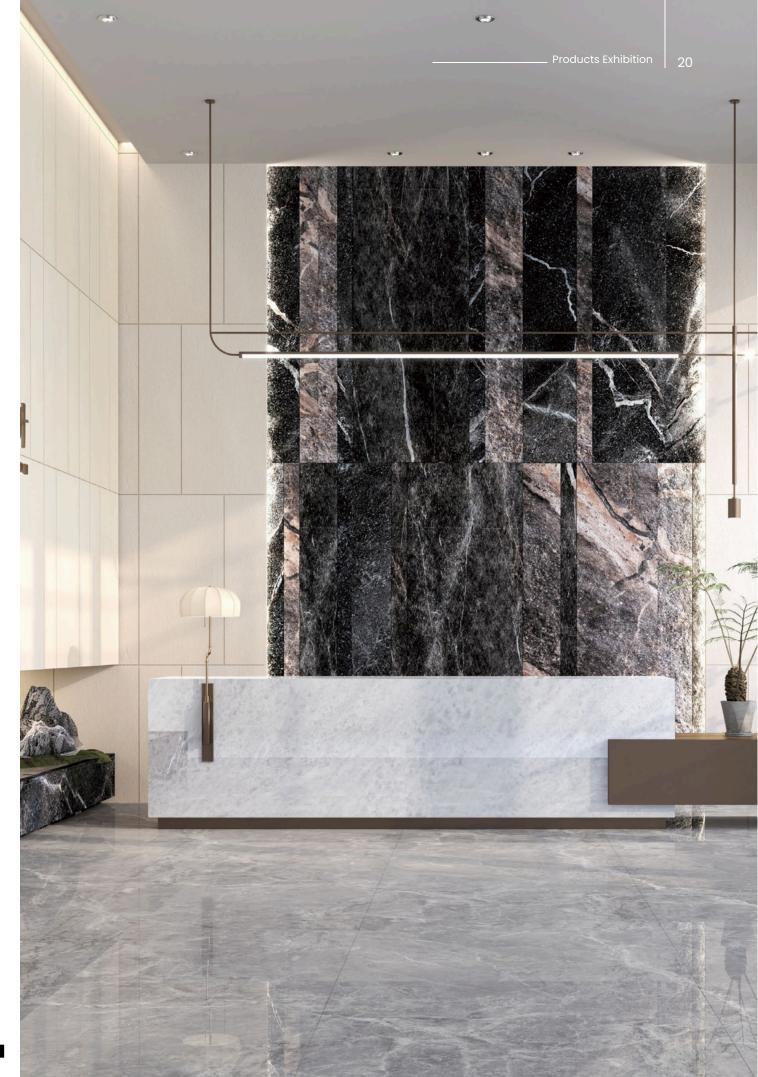












Flexira



VIENTIANE ROCK

PERFORMANCE

All natural phenomena are condensed into a square inch, and the texture is like a natural wonder formed by the collision of rocks. It is breathtaking and allows people to enjoy the beautiful scenery of nature.

600×1200×2.5(±1)mm



















3D TRAVERTINE SERIES

The unevenness and natural texture highly restore the travertine texture that has experienced vicissitudes of life, containing the precipitation of time and the power of nature.















CLOUD TRAVERTINE

Flexira Tiles

Product Size

Size: 600x1200 mm, 1200x2400 mm

Thickness 2.5(±1)mm



SERIES OF ECO CLAY

Combined with 3D printing technology, it not only retains its delicate and natural beauty, but also adds tough texture that reflects the traces of time, pure color and clear texture.

MATT with HOLE





















3D TRAVERTINE

CLOUD WHITE TRAVERTINE

PERFORMANCE

Combined with 3D printing technology, it not only retains its delicate and natural beauty, but also adds tough texture that reflects the traces of time, pure color and clear texture.

600×1200×3.5(±1)mm 1200×2400×3.5(±1)mm









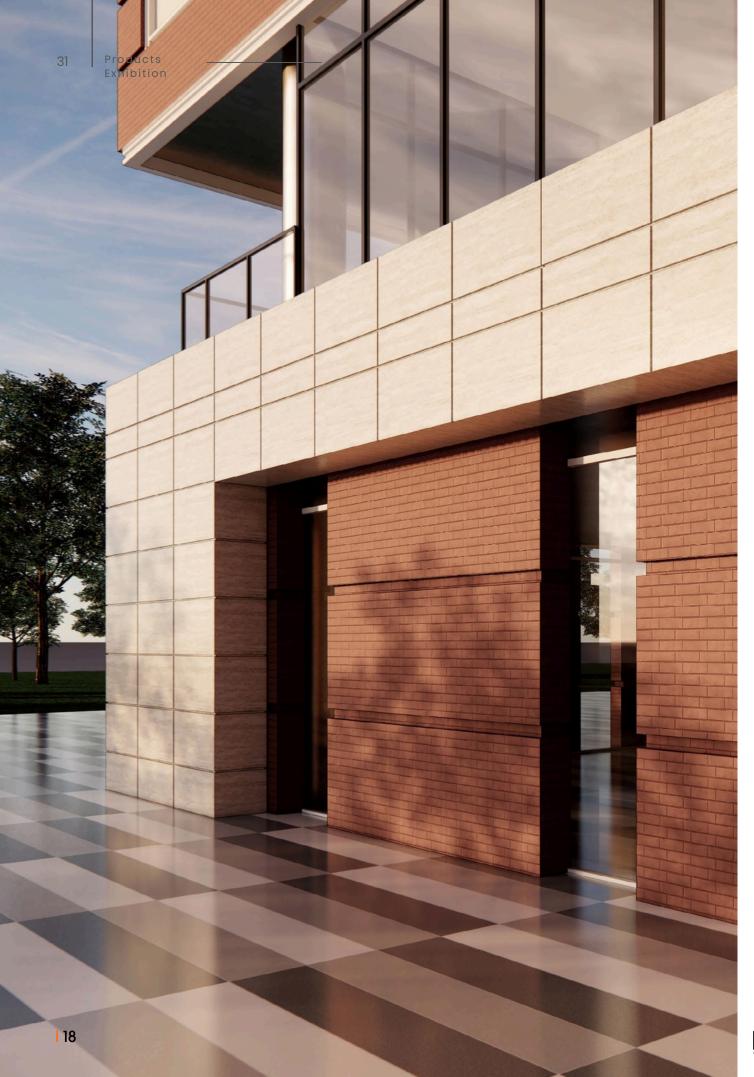












3D TRAVERTINE SERIES OF ECO CLAY

CLOUD BEIGE TRAVERTINE

Combined with 3D printing technology, it not only retains its delicate and natural beauty, but also adds tough texture that reflects the traces of time, pure color and clear texture.

600×1200×3.5(±1)mm 1200×2400×2.5(±1)mm















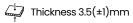


CAVE Flexira Tiles

Product Size



Size: 600x1200 mm, 1200x2400 mm





SERIES OF ECO CLAY

White and gray are interlaced, like water and clouds, depositing the texture of natural travertine. Its texture is flexible and free, as light as tulle, and highly malleable, deducing the dynamic aesthetics of the space.

The bright stars are dreamlike, mysterious and beautiful, and the vertical and horizontal uneven texture of the travertine surface can further enhance the space, expand the vision, and enhance the decorative texture.



























3D TRAVERTINE SERIES OF ECO CLAY

CLOUD GRAY CAVE

PERFORMANCE

White and gray are interlaced, like water and clouds, depositing the texture of natural travertine. Its texture is flexible and free, as light as tulle, and highly malleable, deducing the dynamic aesthetics of the space.

600×1200×3.5(±1)mm 1200×2400×2.5(±1)mm















3D TRAVERTINE

STAR RIVER CAVE

PERFORMANCE

The bright stars are dreamlike, mysterious and beautiful, and the vertical and horizontal uneven texture of the travertine surface can further enhance the space, expand the vision, and enhance the decorative texture.

600×1200×3.5(±1)mm 1200×2400×2.5(±1)mm







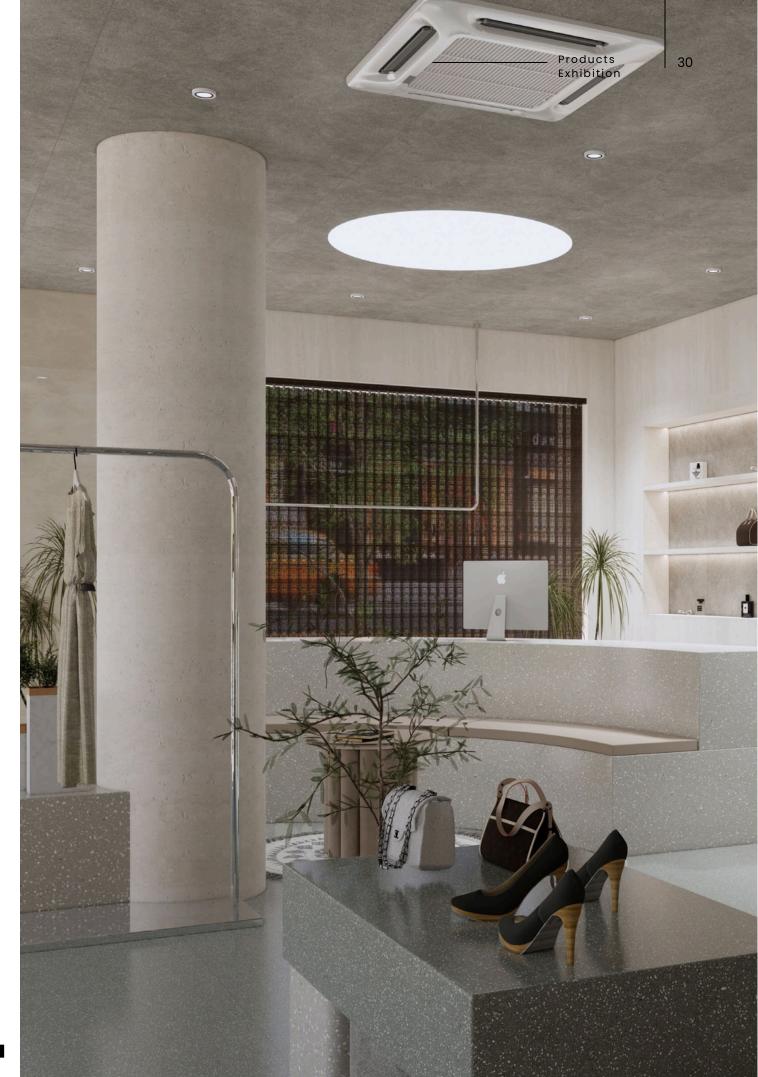












3D WOOD GRAIN SERIES

Purely natural solid wood texture and texture, taste the tranquility and warmth of nature.







3D WOOD GRAIN

TIME WOOD YELLOW

PERFORMANCE

Time is like wood, and time is like grain, just like the texture of thousand-year-old wood. The delicate texture reveals calmness and warmth, savoring the beauty of nature, and the choice for elegant life.

300×1200×2.5(±1)mm



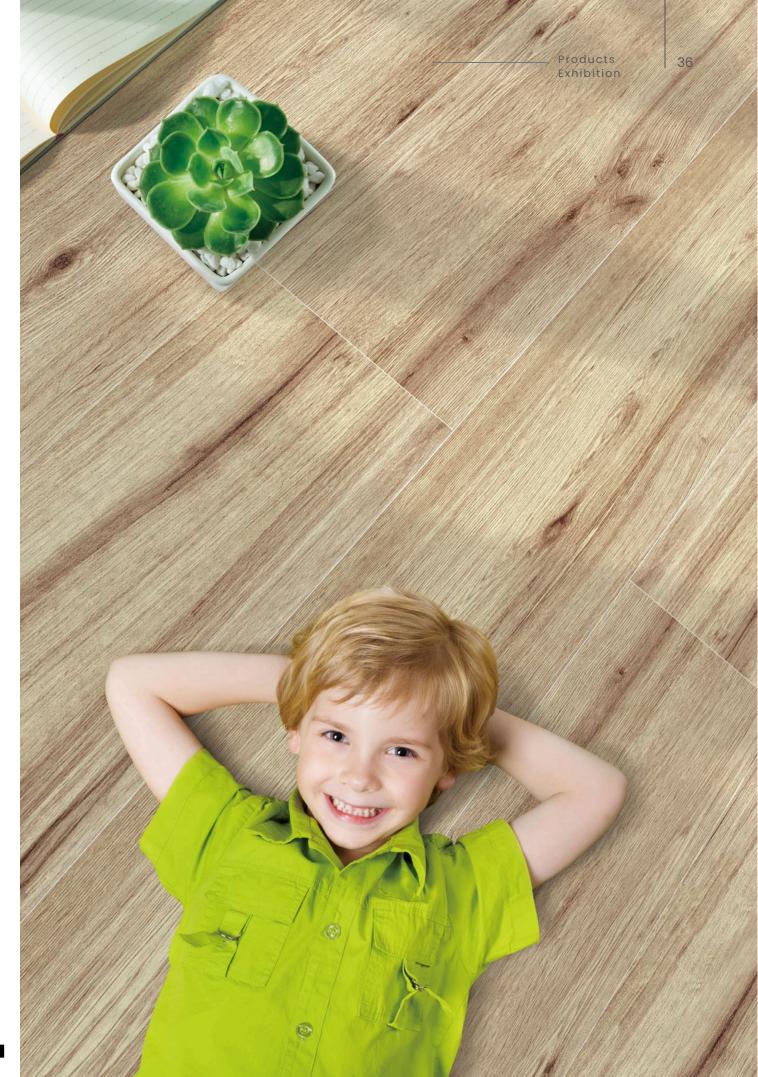














3D LINE STONE

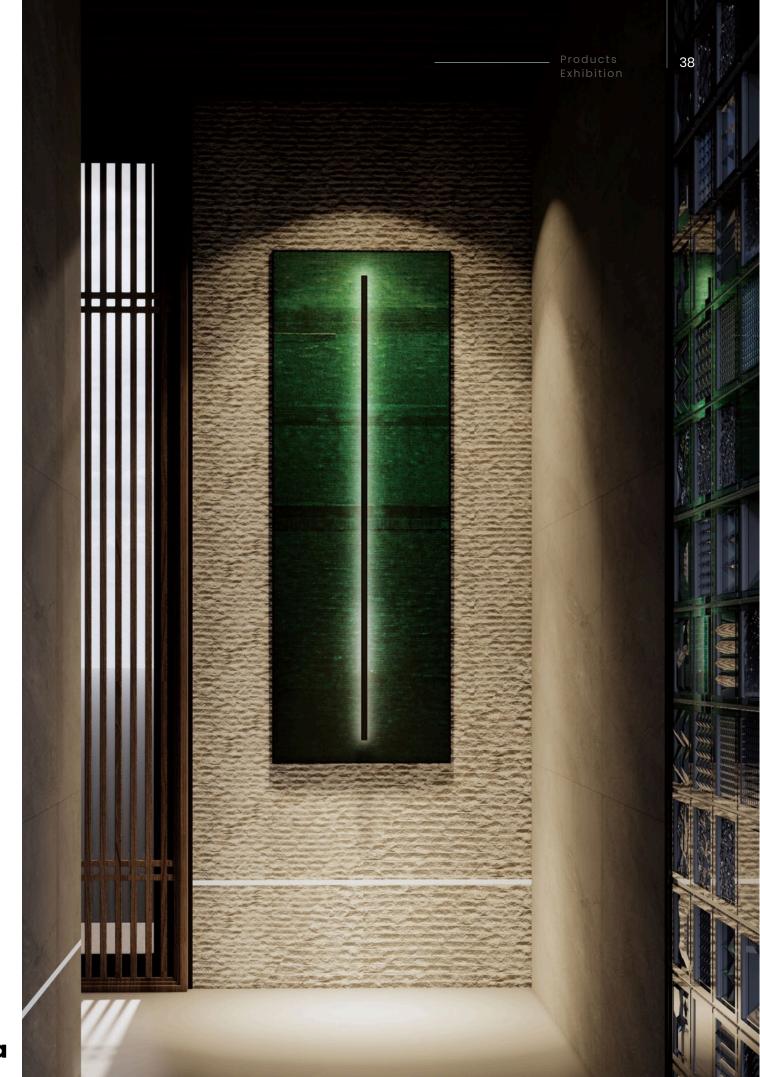
STAR WIDE LINE WHITE

PERFORMANCE

The texture is rough and powerful, the lines are concave and convex, and the touch is rough but soft. It can show the original beauty of nature and add unique personality and artistic atmosphere to the space.

600×1200×1~4.5mm 600×2400×1~4.5mm

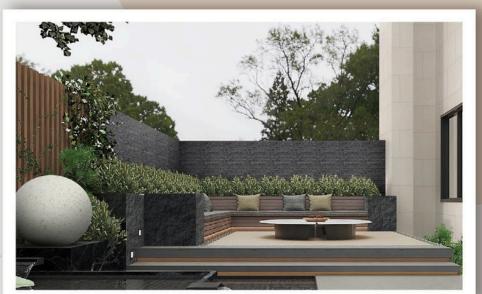




CULTURAL STONE SERIES

Combining natural elements with modern technology, the texture and artistry of stone are fully demonstrated.









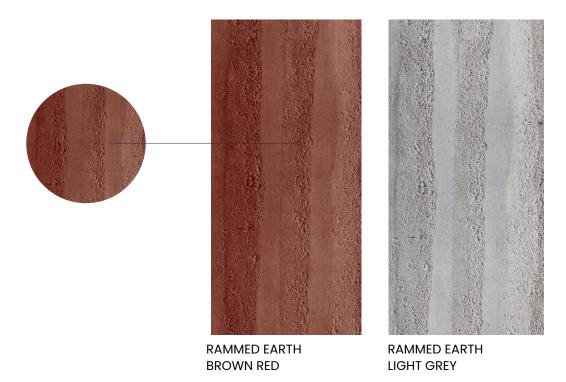
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Product Size



Size: 600x1200 mm

Thickness 2.5(±1)mm



SERIES OF ECO CLAY

The texture of the brown-red rammed earth is rough, bold, and casual, with a strong local flavor. It immerses people in the artistic conception of nature, relieves tension, and makes life more comfortable.

After years of precipitation, rammed earth exudes an elegant gray luster. It is a perfect fusion of simplicity and modernity, bringing a warm and comfortable atmosphere to the space, and is suitable for various styles and occasions.







temperature





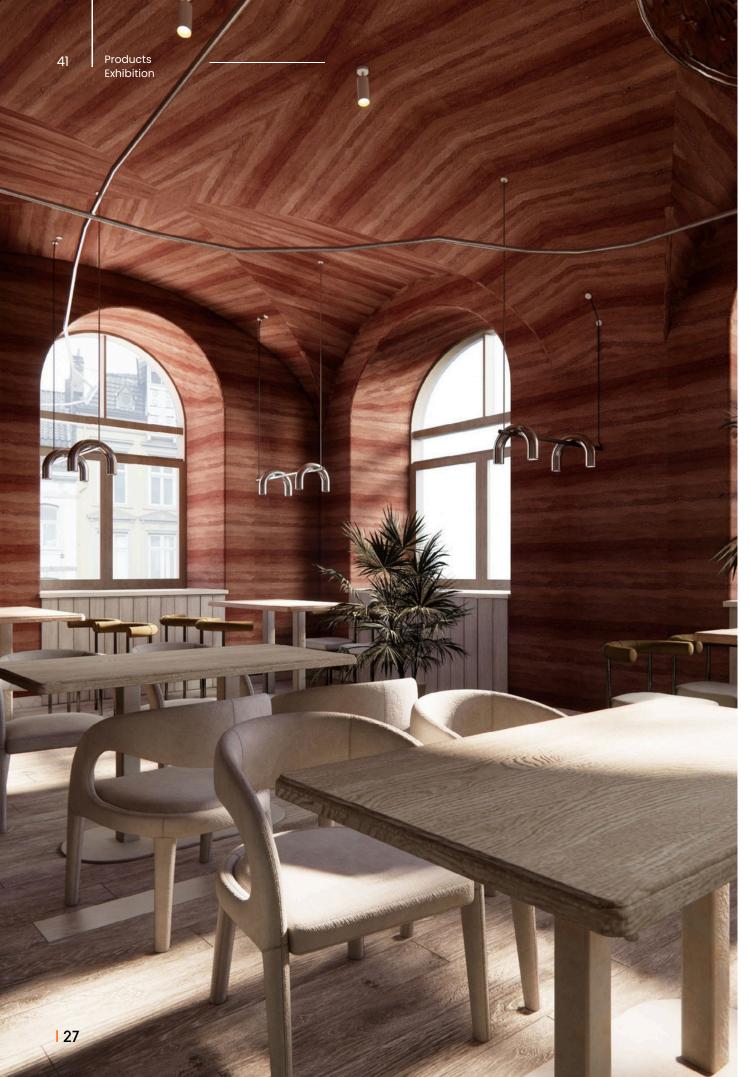












CULTURAL STONE

SERIES OF ECO CLAY

RAMMED EARTH **BROWN RED**

PERFORMANCE

The texture of the brown-red rammed earth is rough, bold, and casual, with a strong local flavor. It immerses people in the artistic conception of nature, relieves tension, and makes life more comfortable.

600×1200×2.5(±1)mm

CLAY



















Flexira



CULTURAL STONE

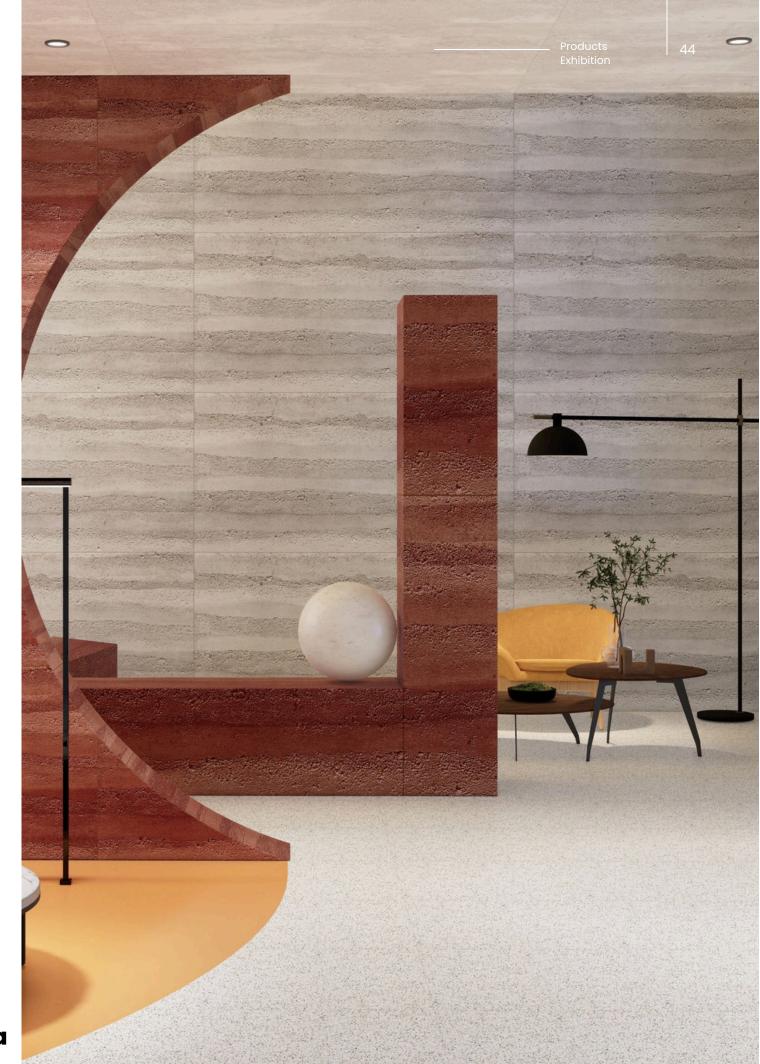
SERIES OF ECO CLAY

RAMMED EARTH LIGHT GREY

After years of precipitation, rammed earth exudes an elegant gray luster. It is a perfect fusion of simplicity and modernity, bringing a warm and comfortable atmosphere to the space, and is suitable for various styles and occasions.

600×1200×2.5(±1)mm

CLAY



GOUR Flexira Tiles

Product Size

Size: 400×800 mm

Thickness 30~150mm



SERIES OF ECO CLAY

It highly restores the texture of the mushroom stone that has experienced vicissitudes of life, with uneven and natural texture, full of charm, and brings a beautiful artistic conception of returning to nature.

It highly restores the texture of the mushroom stone that has experienced vicissitudes of life, with uneven and natural texture, full of charm, and brings a beautiful artistic conception of returning to nature.







weight temperature





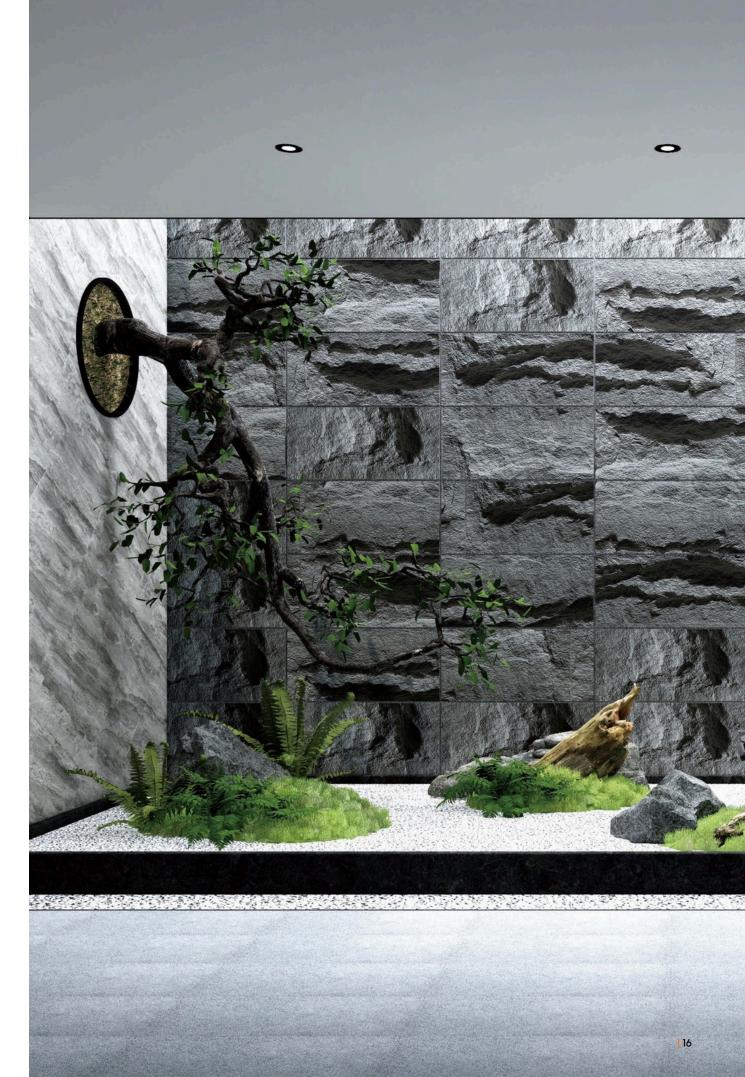


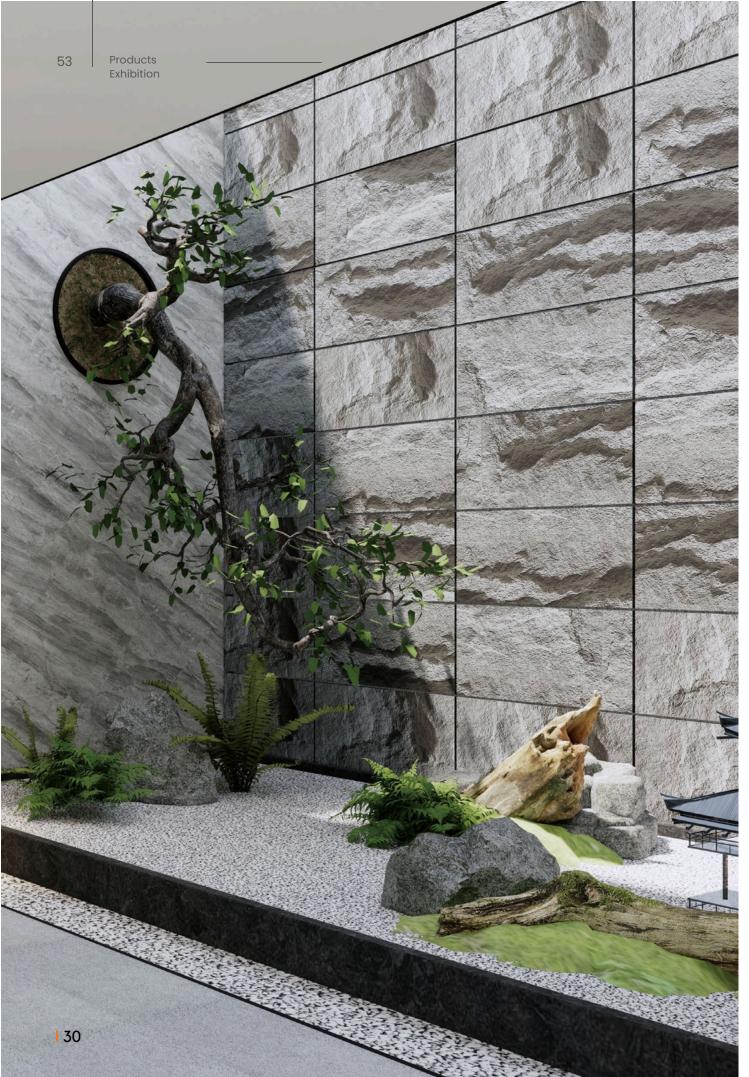












CULTURAL STONE

SERIES OF ECO CLAY

GOUR WHITE

PERFORMANCE

It highly restores the texture of the mushroom stone that has experienced vicissitudes of life, with uneven and natural texture, full of charm, and brings a beautiful artistic conception of returning to nature.

400×800×30~150mm

MATT



Elexira



CULTURAL STONE

SERIES OF ECO CLAY

GOUR GREY

PERFORMANCE

It highly restores the texture of the mushroom stone that has experienced vicissitudes of life, with uneven and natural texture, full of charm, and brings a beautiful artistic conception of returning to nature.

400×800×30~150mm



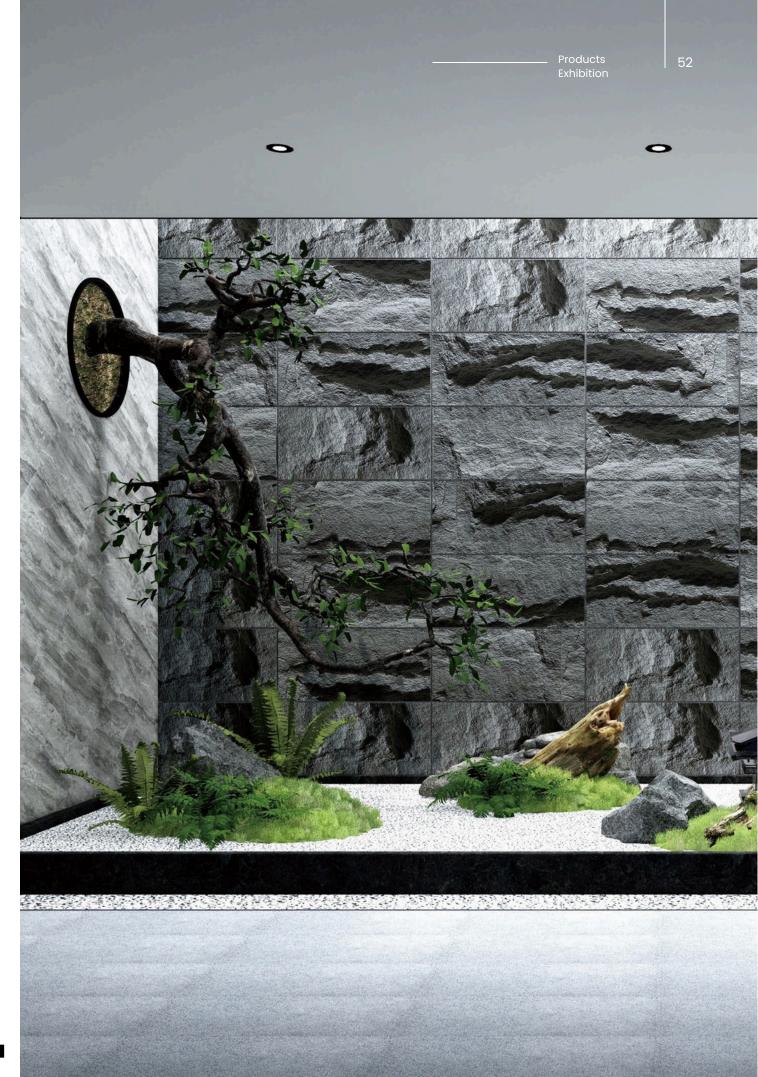


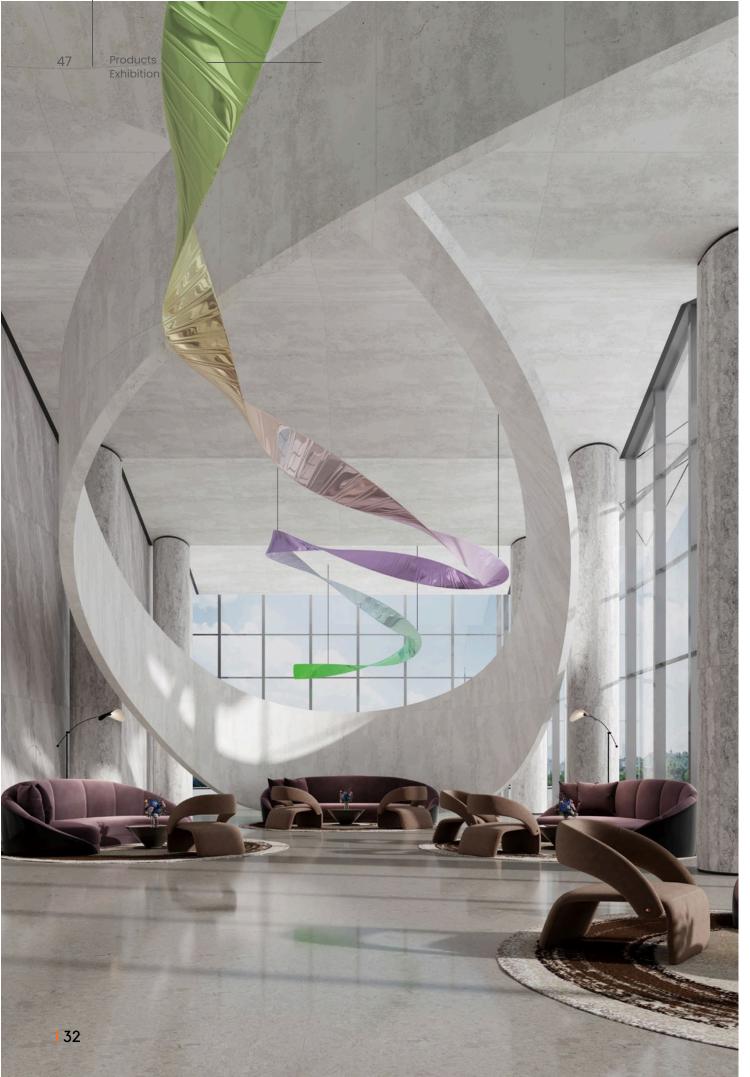












CULTURAL STONE

SERIES OF ECO CLAY

CEMENT BOARD

PERFORMANCE

The looming floating clouds and flowing water patterns flow naturally like clear springs, highlighting the agile and elegant temperament of the space.

600×1200×2.5(±1)mm

MATT









Flexira



CULTURAL STONE

SERIES OF ECO CLAY

SNOW MOUNTAIN SLATE

PERFORMANCE

The appearance is like a rock covered by snow-capped mountains, which is stable and atmospheric. It is very suitable for indoor and outdoor decoration and can bring a natural and atmospheric beauty to the space.

600x1200×1~3.5mm





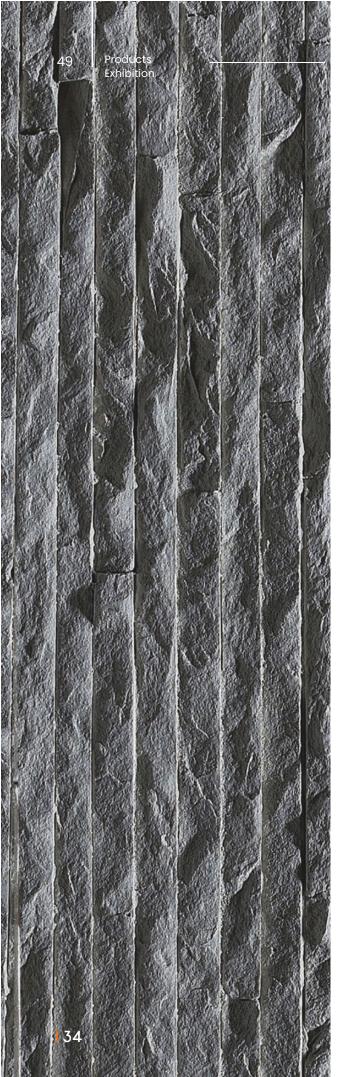












CULTURAL STONE

SERIES OF ECO CLAY

CARVED TIME GREY

PERFORMANCE

The texture seems to have been carefully carved by the carver. It is delicate and exquisite, recording the passage of time and the precipitation of history, and arousing people's thinking and memories of history and culture.

300×600×3~5mm

MATT













Flexira

CEMENTSERIES

The delicate cement texture and soft muted tones blend together to create a natural aesthetic that returns to nature.











CEMENT SERIES OF ECO CLAY

BLUISH GRAY

PERFORMANCE

The blue-gray texture is delicate and soft, presenting a light, cloud-like texture. It is suitable for various decorative fields and can bring a natural and tranquil feeling to the space.

600×1200×2.5(±1)mm

















CEMENT SERIES OF ECO CLAY

CANNES GREY

The looming floating clouds and flowing water patterns exude the unique charm of Cannes gray, highlighting the agile and elegant temperament of the space.

600×1200×2.5(±1)mm















ENGINEERING CASE

Real estate engineering

Shaanxi Xi'an Jintai Tang 618 Marketing Exhibition Center Liuzao Resettlement House in Chuansha New Town, Shanghai

Shaanxi Culture Industry Investment Wenyuange Hotel





Shaanxi Xi'an Jintai Tang 618 Marketing Exhibition Center



Shaanxi Culture Industry Investment Wenyuange Hotel

School and hospital engineering

Taizhou University Shanghai East China Normal University Affiliated Middle School Guangxi Minzu University





Taizhou University



Guangxi Minzu University

The old urban area renovation engineering

The Old City Renovation of Xiamen Golden Bricks in Fujian Province

Old Cities Renovation in Chengdu City and Zigong City in Sichuan Province





The Old City Renovation of Xiamen Golden Bricks in Fujian Province



Old Cities Renovation in Chengdu City and Zigong City in Sichuan Province

Others engineering

Guangzhou California Roll Western Restaurant Fujian Xianyou Food City

The Old City Renovation of Luoyang Walking Street



Guangzhou California Ro



ujian Xianyou



The Old City Renovation of Luoyang Walking Street



Product Index _

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PRODUCT INDEX

3D MARBLE SERIES



VENUS YELLOW MARBLE R3102F12 600x1200mm THICKNESS 2.5(±1)mm



CLOD MOUNTAIN WHITE MARBLE R3201F12 600x1200mm THICKNESS 2.5(±1)mm



CLOUD WHITE MARBLE R3204F12 600x1200mm THICKNESS 2.5(±1)mm



CARL GREY MALBE R3403F12 600x1200mm THICKNESS 2.5(±1)mm



CARL BLUE MARBLE R3703F12 600x1200mm THICKNESS 2.5(±1)mm



CARL YELLOW MARBLE R3103F12 600x1200mm THICKNESS 2.5(±1)mm



VENUS WHITE MARBLE R3202F12 600x1200mm THICKNESS 2.5(±1)mm



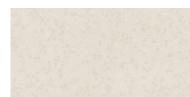
CLOD MOUNTAIN GREY R3401F12 600x1200mm THICKNESS 2.5(±1)mm



CLOUD GREY MARBLE R3404F12 600x1200mm THICKNESS 2.5(±1)mm



SKY SAND LIGHT BEIGE R7101F12 600x1200mm THICKNESS 2.5(±1)mm



ROME BEIGE MARBLE R3105F12 600x1200mm THICKNESS 2.5(±1)mm



CARL WHITE MARBLE R3203F12 600x1200mm THICKNESS 2.5(±1)mm



VENUS GREY MARBLE R3402F12 600x1200mm THICKNESS 2.5(±1)mm



MONICA BLACK MARBLE R3509F12 600x1200mm THICKNESS 2.5(±1)mm



SKY SAND DARK GREY R7401F12 600x1200mm THICKNESS 2.5(±1)mm



SKY SAND GREY R7403F12 600x1200mm THICKNESS2.5(±1)mm



MOONLIGHT SAND ROCK R7602F12 600x1200mm THICKNESS 2.5(±1)mm



VIENTIANE ROCK R3401S12 THICKNESS 2.5(±1)mm



600x1200mm THICKNESS 2.5(±1)mm



RUKAWA ROCK R3401M12 THICKNESS 3.5(±1)mm



PISA ROCK R3402S12 600x1200mm

THICKNESS 2.5(±1)mm

YELLOWSTONE R3101M12 600x1200mm THICKNESS 3.5(±1)mm 600x1200mm THICKNESS 2.5(±1)mm



ARGUS BLACK R2509M12

3D TRAVERTINE SERIES



CLOUD BEIGE TRAVERTINE R3104D12 600x1200mm THICKNESS 3.5(±1)mm



CLOUD WHITE TRAVERTINE R3204D12 600x1200mm THICKNESS 3.5(±1)mm



STAR RIVER GOLD R6102D12 600x1200mm THICKNESS 3.5(±1)mm



STAR RIVER WHITE R6202D12 600x1200mm THICKNESS 3.5(±1)mm

3D GRANITE SERIES



CLOUD GREY CAVE R3401D12 600x1200mm THICKNESS 3.5(±1)mm



STAR RIVER CAVE R3402D12 600x1200mm THICKNESS 3.5(±1)mm



BEIGE FLAT GRANITE R2101F12 600x1200mm THICKNESS 2.5(±1)mm



WHITE GRANITE R2201F12 600x1200mm THICKNESS 2.5(±1)mm



WHITE FLOWER ROUGH GRANTINE R2201L12 1380x600mm THICKNESS 2.5(±1)mm





GOLD ROUGH GRANITE R2801L12 1380x600mm THICKNESS 2.5(±1)mm

3D WOOD GRAIN SERIES



TIME WOOD YELLOW R5101F13 300x1350mm THICKNESS 2.5(±1)mm



GREEN HILL WOOD GRAIN R5201F13 300x1350mm THICKNESS 2.5(±1)mm

3D LINE STONE SERIES



LINE GRAIN GOLD THREAN STONE R2801S12 600x1200mm THICKNESS 2.5(±1)mm



STAR LINE BEIGE 600x1200mm THICKNESS 2.5(±1)mm



R3116S12 STAR LINE WHITE 600x1200mm THICKNESS 2.5(±1)mm



STAR WIDE LINE WHITE R3206S12 600x1200mm THICKNESS 1~4.5mm



STAR WIDE LINE GREY R7403S12 600x1200mm THICKNESS 1~4.5mm



WOVEN STONE R4201S12 600x1350mm THICKNESS 1~4.5mm

CULTURAL STONE SERIES



SNOW MOUNTAIN SLATE R6204S12 600x1200mm THICKNESS 1~3.5mm



CEMENT BOARD R6401F12 600x1200mm THICKNESS 2.5(±1)mm R6201S48 400x800mm



GOUR WHITE THICKNESS 30~150mm



CARVED TIME WHITE R6203S36 300x600mm THICKNESS 3~5mm



RAMMED EARTH BROWN LIGHT GREY R6404G12 600x1200mm THICKNESS 2.5(±1)mm



CARVED TIME GREY



RAMMED EARTH BROWN RED R6409G12 600x1200mm THICKNESS 2.5(±1)mm



GOUR GREY R6401S48 400x800mm THICKNESS 30~150mm

CEMENT SERIES



BLUISH GREY 600x1200mm THICKNESS 2.5(±1)mm 600x1200mm THICKNESS 2.5(±1)mm



R0401A12 CANNES GREY R7401A12

SPLIT TILES SERIES



IMPRESSION RED 60x240mm THICKNESS 2.5(±1)mm



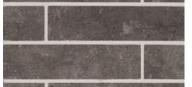
RURAL WHITE R1202A60 60x240mm THICKNESS 2.5(±1)mm



R1602K60 RURAL RED 60x240mm THICKNESS 2.5(±1)mm



60x240mm THICKNESS 2.5(±1)mm



OSCHIN R1404A60 60x240mm THICKNESS 2.5(±1)mm



TIME WHITE 60x240mm THICKNESS 2.5(±1)mm



CONSTRUCTION GUIDELINES

CONSTRUCTION **GUIDELINES**

ECO Clay Construction process diagram (Full adhesive pasting, leaving gaps for paving)



1. Positioning through snap lines.



5. Protect the surface of the product on both sides of the gap with textured paper, and then use specialized sealant or structural adhesive to fill the gap.



2. Daubing cement to the wall.



6. Use Ø 8mm steel bars to pull the 6mm joint, and perform it when the filling agent is semi dry.



3. Daubing cement on the back of the product



7. Scrape off the scraps with a small shovel.



4. Press and move up and down to adjust the gap width



8. Using a dry sponge to remove dust.

Handling process diagram



1. Two people should assist in rolling the ECO clay into a cylinder from the flat wooden box, and temporarily tie it with straps or fix it with adhesive tape to prevent scattering.



2. Two people should work together to move cylindrical ECO clay onto a small cart, and protect the edges and



3. Push the small cart along with the ECO clay into the elevator.



porcelain cannot be rolled into cylindrical shapes for transportation. Two people can work together to lift the ECO clay vertically along the side. When entering the elevator, the ECO clay can be bent into a certain arc and transported diagonally along the elevator.

Handheld cutting machine cutting process diagram 1



1.Mark with a pencil, align the marks, press down on the ruler or secure the track.



2. The electric cutting machine cuts along the cutting marking line from the beginning



3. Cut off the excess

Wallpaper Knife Cutting Process Diagram 2



1. You can also use a wallpaper knife for cutting.



2. Measure the required size of the soft porcelain to be cut using a roll scale, make a mark, align the mark, and press the ruler.



3.Use a wallpaper knife to forcefully scratch along the edge of the beginning to the end, and you can scratch several times.



4. Cut off the excess ECO clay

General tool diagram







Masking





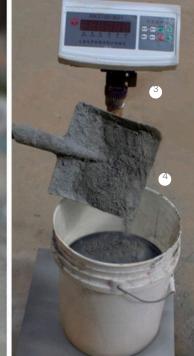
fountain

Configuration tool diagram

plate



①Electric ②Mixing



3electronic balance



shovels

Cleaning materials and tools illustrated



