



ARCHITECTURAL SURFACE MATERIAL SOLUTIONS

Interior wall panels, wet-area cladding, flexible façades and decorative flooring

XIAMEN LMOANA INDUSTRY AND TRADE CO., LTD.

Xiamen, China



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Our product portfolio covers lightweight decorative panels, high-density impact-resistant wall systems, wet-area cladding, flexible façade materials and decorative flooring finishes.

- Product selection for commercial and residential interiors
- Coordinated finishes, trims and installation systems
- Custom surface options subject to project quantities
- Material support for renovation and new-build projects

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Product portfolio

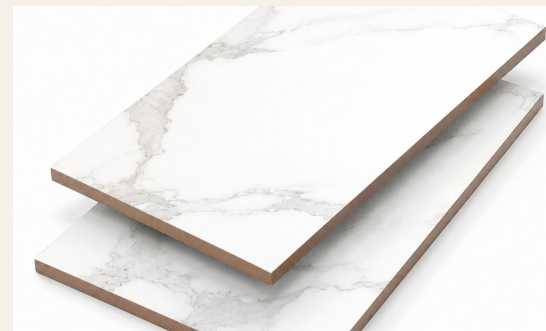
Eight surface material systems for interior and exterior projects



5mm Carbon Crystal Panel



8mm Carbon Crystal Panel



1.0 Density Impact Panel



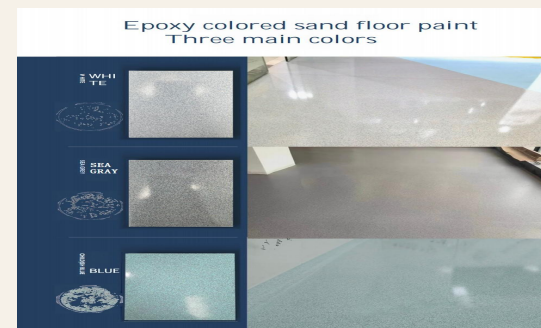
1.25 Density Impact Panel



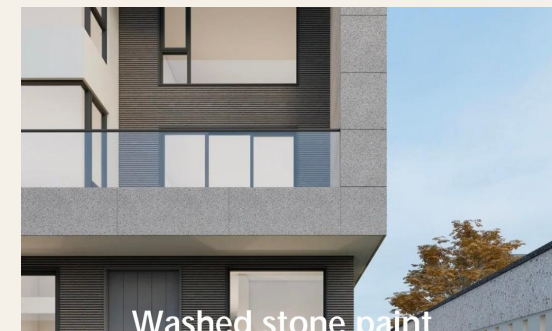
SPC Bathroom Wall Panel



MCM Flexible Cladding



Epoxy Quartz Sand Flooring



Resin-Bound Washed Stone

Wall panel selection guide

Choose by weight, rigidity, impact resistance and substrate condition

GRADE	POSITIONING	TYPICAL USE	PROJECT NOTE
5mm	Lightweight and economical	Fast renovation, ceilings, curved walls	Gypsum-board backing normally recommended
8mm	Rigid and stable	Hotels, apartments, corridors and offices	More substantial wall feel
1.0 g/cm ³	Impact-resistant upgrade	High-traffic commercial and hospitality interiors	Approx. 23–24 kg per panel
1.25 g/cm ³	Premium rigidity and finish	Villas, lobbies, showrooms and premium projects	Approx. 29 kg per panel

5mm Carbon Crystal Wall Panel

Lightweight interior cladding for fast, cost-controlled renovation



1220 × 2440 mm

Lightweight composite construction makes the panel easier to handle, cut and install across large interior areas.

- Moisture resistant and easy to clean
- Dry installation reduces wet trades and labour time
- Matt and smooth decorative surfaces
- Suitable for walls, ceilings and selected curved features

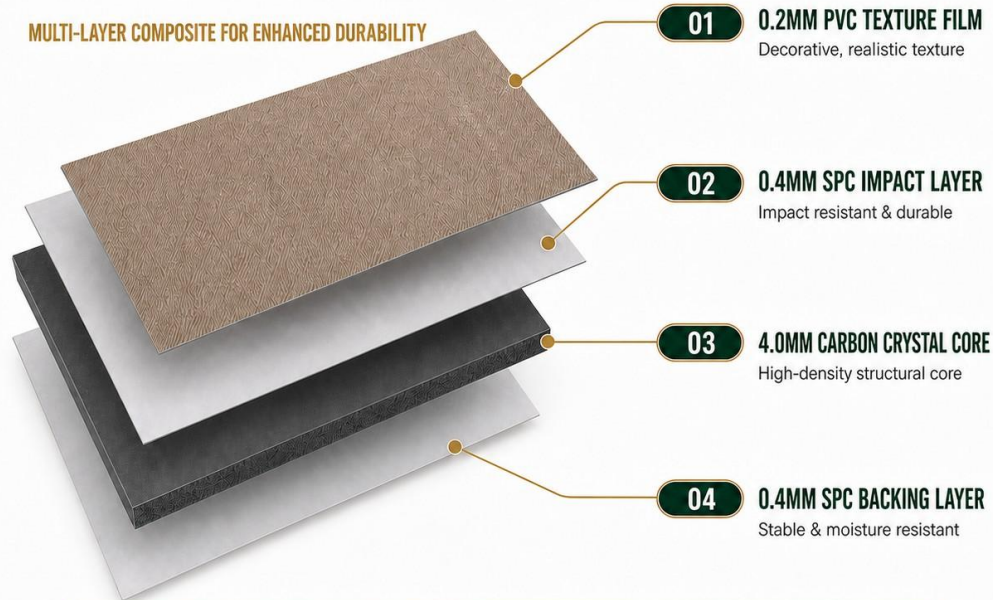
Economic solution for hotels, apartments, offices, retail and exhibitions

5mm panel construction

Multi-layer decorative surface over a lightweight core

5MM CARBON CRYSTAL WALL PANEL

MULTI-LAYER COMPOSITE FOR ENHANCED DURABILITY



Typical layer build-up

- 0.2mm decorative PVC texture film
- 0.4mm SPC impact layer
- 4.0mm carbon crystal core
- 0.4mm SPC backing layer

Performance classifications shown in source artwork require project-specific test documentation.

Finishes and curved wall application

More than 300 decorative options across wood, stone, fabric and solid colours



Curved features

The lightweight panel can follow selected curved surfaces. A stable gypsum-board backing is normally recommended for economical installations.

8mm Carbon Crystal Wall Panel

Greater rigidity and more stable finish performance for large wall areas



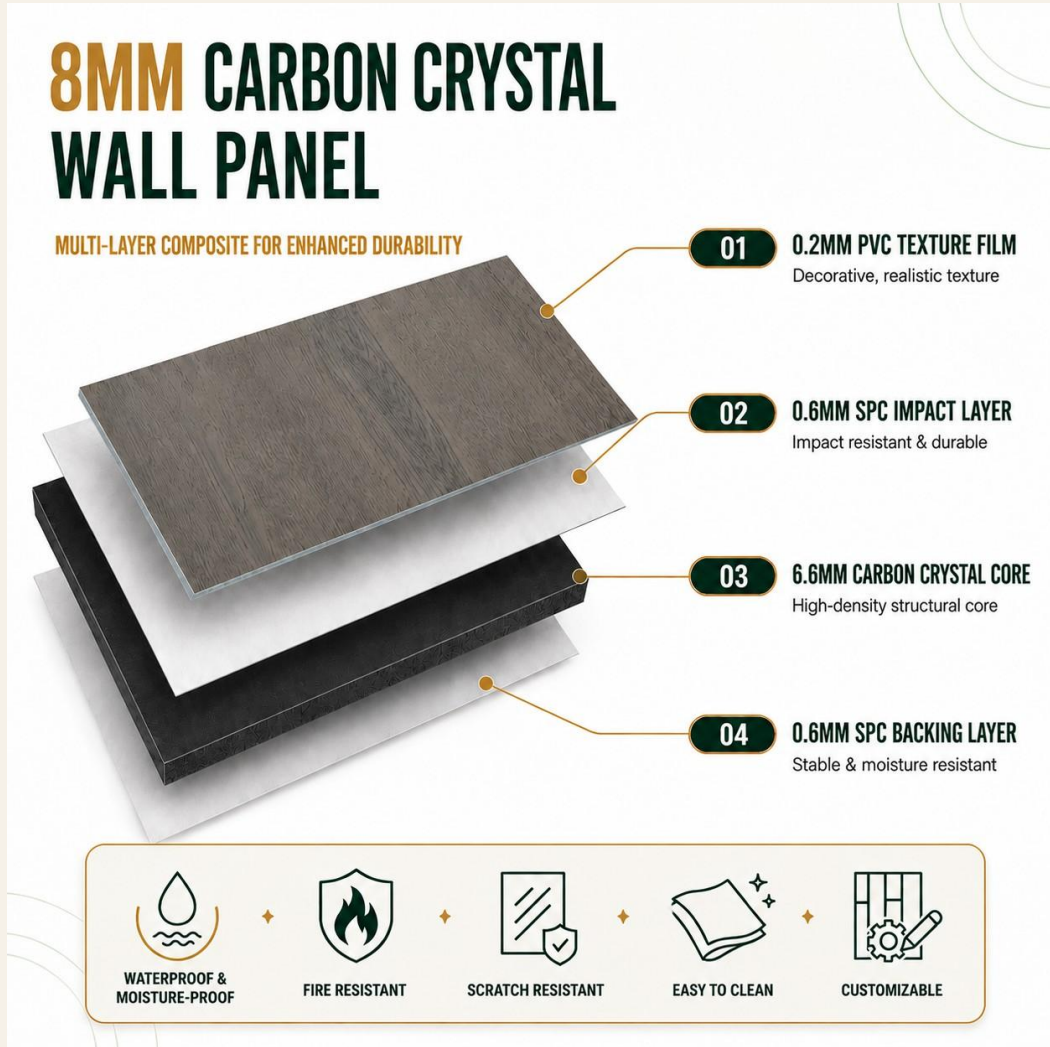
Typical specification

- Size 1220 × 2440 mm
- Density approx. 750 kg/m³
- Weight approx. 15.48 kg per panel
- PVC, PET or scratch-resistant decorative films
- Gloss and matt surface options

Suitable for walls and ceilings in hotels, apartments, corridors, restaurants, offices, exhibition halls and clubs.

8mm panel construction

Thicker core and impact layers provide a more substantial wall system



- 0.2mm decorative PVC texture film
- 0.6mm SPC impact layer
- 6.6mm carbon crystal core
- 0.6mm SPC backing layer

Flat walls: structural adhesive

Uneven walls: structural adhesive combined with foam adhesive

8mm finishes and applications

Stable decorative surfaces for wall and ceiling projects

300+ SURFACE DESIGNS FOR EVERY STYLE

WOOD GRAIN | MARBLE | FABRIC | 3D TEXTURE | SOLID COLOR

More textures. More possibilities for your projects.

WOOD GRAIN COLLECTION

Natural Look • Warm Feel • Timeless Style



LIGHT OAK



NATURAL OAK



SMOKED ASH



WALNUT



DARK WALNUT



GREY OAK

PRODUCT FEATURES

- Multi-layer composite structure for enhanced durability
- Impact resistant, scratch resistant and stable performance
- Suitable for wall and ceiling applications
- Easy installation with adhesive and aluminum profiles
- Eco-friendly materials, safe and reliable

TYPICAL SPECIFICATIONS (8MM CARBON CRYSTAL WALL PANEL)

 Thickness	8 mm	 Core Material	Carbon crystal fiber + Calcium carbonate + PVC
 Panel Size	1220 × 2440 mm	 Surface	UV coating
 Weight	15.50 kg / pc	 Installation	Glue + Nail Gun
 Density	750 kg / m³	 Application	Wall / Ceiling / Interior

PROFESSIONAL WALL PANEL MANUFACTURER • STABLE QUALITY • RELIABLE SUPPLY • SUPPORT YOUR PROJECTS

Project value

- Stronger rigidity than lightweight panels
- Improved flatness across large wall areas
- Coordinated aluminium trim system
- Wood, marble, fabric, stone and solid colours

1.0 g/cm³ Impact-Resistant Wall Panel

A high-density 8mm panel for busy commercial and residential interiors

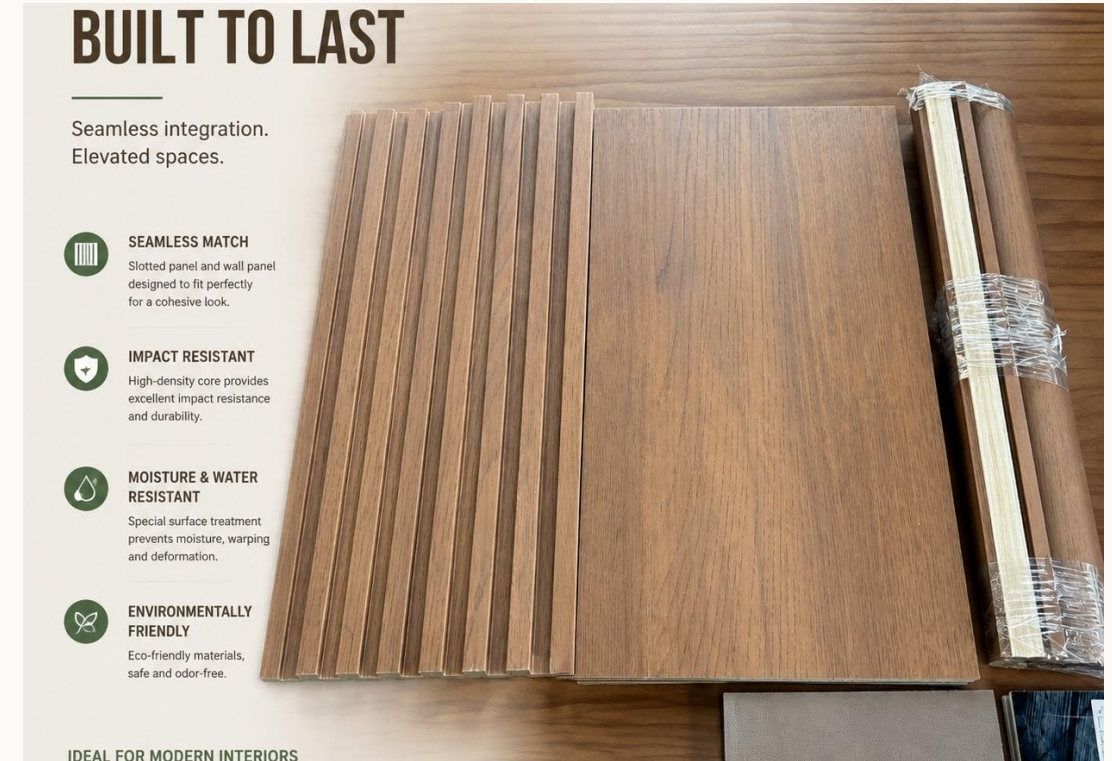
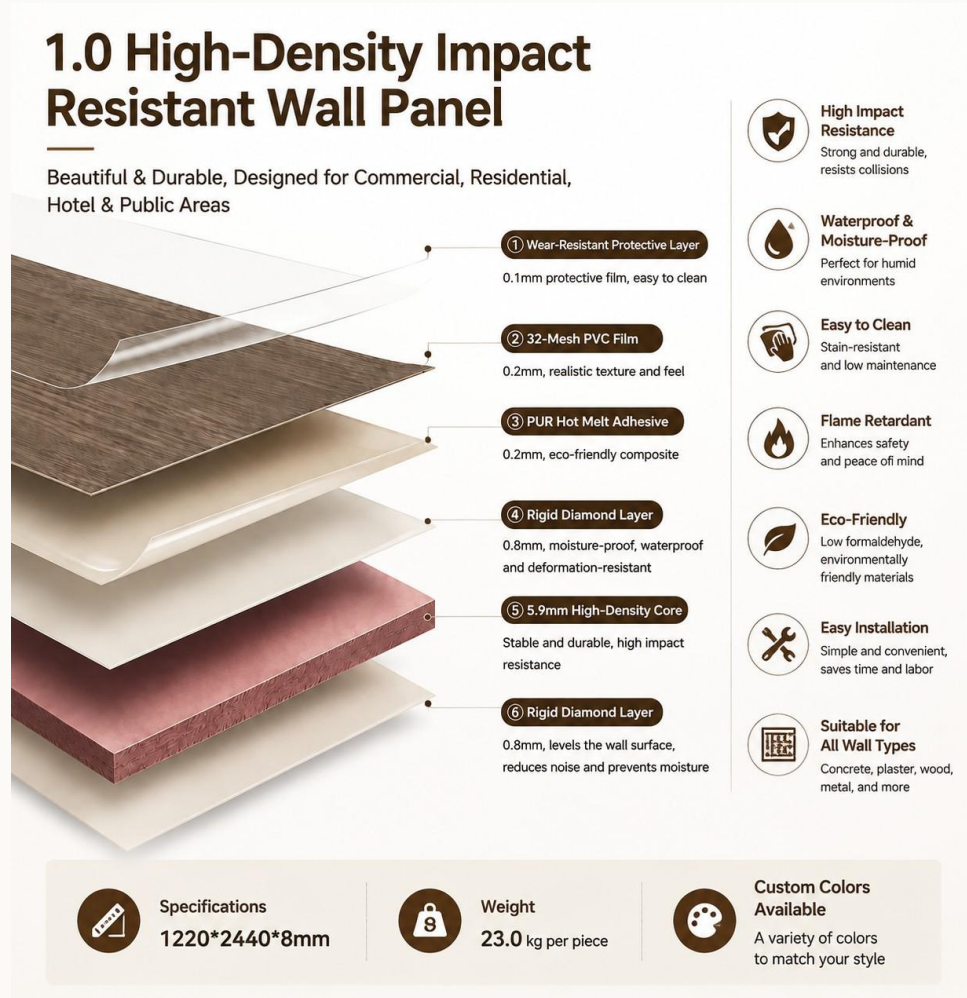


High-density upgrade

The compact core improves wall rigidity, shape retention and resistance to everyday knocks compared with lower-density decorative panels.

- 1220 × 2440 × 8 mm
- Approx. 1.0 g/cm³
- Approx. 23–24 kg per panel
- Custom cut lengths available
- PVC, PET and scratch-resistant finishes

Impact resistance with coordinated flat and slatted panels



Coordinated design system

Matching wall panels, slatted panels, aluminium profiles and skirting create a consistent finish across offices, hotels, corridors, lobbies and retail spaces.

1.25 g/cm³ Premium Impact-Resistant Wall Panel

Maximum rigidity and a solid wall feel for high-standard interiors



Premium specification

- Thickness 8 mm
- Size 1220 × 2440 mm
- Density approx. 1.25 g/cm³
- Nominal weight approx. 29 kg
- Custom cutting available

Recommended for villas, premium apartments, hotel interiors, lobbies, showrooms and high-end commercial projects.

1.25 density construction

A compact core with reinforced surface layers

1.25 High-Density Impact Resistant Wall Panel

Beautiful & Durable, Designed for Commercial, Residential, Hotel & Public Areas



- High Impact Resistance**
Strong and durable, resists collisions
- Waterproof & Moisture-Proof**
Perfect for humid environments
- Easy to Clean**
Stain-resistant and low maintenance
- Flame Retardant**
Enhances safety and peace of mind
- Eco-Friendly**
Low formaldehyde, environmentally friendly materials
- Easy Installation**
Simple and convenient, saves time and labor
- Suitable for All Wall Types**
Concrete, plaster, wood, metal, and more



Specifications
1220*2440*8mm



Weight
28.8 kg per piece



Custom Colors Available
A variety of colors to match your style

1.25 HIGH-DENSITY

IMPACT RESISTANT WALL PANEL

Seamless. Durable. Designed to Protect.
Perfect for Modern Interiors.



IMPACT RESISTANT
High-density core for excellent impact resistance and durability.



WATERPROOF & MOISTURE-PROOF
Special surface treatment resists moisture, warping and deformation.



B1 FIRE RETARDANT
B1 level fireproof performance for enhanced safety.



ECO-FRIENDLY
Eco-friendly materials, safe, low odor and healthy.

IDEAL FOR MODERN INTERIORS

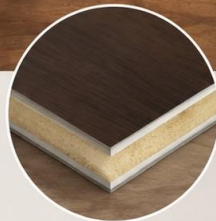
COMMERCIAL SPACES

RESIDENTIAL PROJECTS

HOTELS & HOSPITALITY

OFFICE & RETAIL

SLOTTED +
WALL PANEL



1.25 density application scenarios

Durable wall finishes for hospitality, healthcare and premium interiors

PROJECT CASE

HOSPITAL CORRIDOR WALL PANEL SOLUTION

One-Stop Interior Supply

PROJECT INFORMATION

PROJECT TYPE

Hospital Corridor Renovation

PROJECT TIME

August 2025

AREA COVERED

12,000 m²

PROJECT LOCATION

Southeast Asia

SCOPE OF SUPPLY

• Wall Panels
• Corner Guards
• Door Frame Panels
• Handrails
• Matching Accessories

SOLUTION HIGHLIGHTS

Providing a unified, durable and aesthetically pleasing wall panel solution to enhance the healing environment and ensure long-term performance.

BEFORE

AFTER

Impact Resistant

High-density core provides excellent resistance to daily impacts and scratches.

Hygienic & Easy to Clean

Smooth, non-porous surface is easy to clean and maintain.

Fire Retardant

Meets fire safety standards, ensuring greater protection.

Long-Lasting Performance

Dimensionally stable and durable, built for high-traffic environments.

Why choose this wall panel for hospital corridors?

It combines durability, hygiene and aesthetics, creating a safe and comfortable environment for patients and staff.

Is it suitable for large-scale hospital projects?

Yes. With stable quality and consistent supply, it's ideal for large hospitals and chain medical facilities.

How does it improve the hospital environment?

It delivers a warm, modern look while being easy to maintain, helping to create a healing and welcoming atmosphere.

Is it easy to install?

Yes. The panel system and accessories are designed for quick and efficient installation, saving time and labor.

Is it environmentally friendly?

Yes. The panels are made from eco-friendly materials and meet low emission requirements.

PROJECT CASE

HOTEL GUEST ROOM WALL PANEL SOLUTION

One-Stop Interior Supply

PROJECT INFORMATION

PROJECT TYPE

Hotel Guest Room Renovation

PROJECT TIME

August 2025

AREA COVERED

2,600 m²

PROJECT LOCATION

Southeast Asia

SUPPLY SCOPE

✓ Interior wall panels
✓ Decorative wall finishes
✓ Matching accessories

SOLUTION HIGHLIGHTS

Natural wood texture with modern performance, creating a warm, quiet and comfortable sleep environment.

Elegant and Warm Corridor

Comfortable Bedroom

Relaxation Area

Bathroom Wall

Room Entrance

Impact Resistant

Withstand daily bumps and scratches.

Moisture & Humidity Proof

Stable performance in diverse hotel environments.

Aesthetic & Natural

Authentic wood texture and rich color options.

Easy Installation & Maintenance

Save time and cost, keep long-term beauty.

WALL PANELS | LIGHTING | SPC FLOORING | ONE-STOP SUPPORT

PROJECT CASE

HOTEL ROOM WALL PANEL SOLUTION

One-Stop Interior Supply

PROJECT INFORMATION

PROJECT TYPE

Hotel Room Renovation

PROJECT TIME

June 2025

AREA COVERED

5,800 m²

PROJECT LOCATION

Southeast Asia

SCOPE OF SUPPLY

• Wall Panels
• Decorative Trim
• Door Panels
• Window Panels
• Matching Accessories

SOLUTION HIGHLIGHTS

A complete wall panel solution that creates warm, modern and elegant guest rooms with effortless installation and seamless integration, delivering comfort and lasting value.

BEFORE

AFTER

PREMIUM MATERIALS

Carefully selected for durability and elegant appearance.

CUSTOM DESIGN

Tailored solutions to match hotel style and brand image.

FAST INSTALLATION

Modular system ensures quick fitting and minimal room downtime.

EASY MAINTENANCE

Smooth, stain-resistant surface for easy cleaning and care.

SUSTAINABLE CHOICE

Eco-friendly materials support green building and healthy living.

Why choose this wall panel solution for hotel rooms?

It combines elegant design, durability and easy maintenance to create a comfortable and luxurious stay experience.

Is it suitable for large-scale hotel projects?

Yes. Our wall panels are designed for consistent quality and efficient supply, perfect for large projects.

Will it match different hotel styles?

Absolutely. We offer a wide variety of textures and colors to match modern, classic, or minimalist designs.

How durable are the wall panels?

They are highly resistant to impacts, scratches, and daily wear, ensuring long-lasting performance.

Is it easy to maintain?

Yes. The surface is smooth, stain-resistant, and easy to clean—ideal for hotel use.

1.25 HIGH-DENSITY

IMPACT RESISTANT WALL PANEL

Seamless. Durable. Designed to Protect. Perfect for Modern Interiors.

IMPACT RESISTANT

High-density core for excellent impact resistance and durability.

WATERPROOF & MOISTURE-PROOF

Special surface treatment prevents moisture, warping and deformation.

BY FIRE RETARDANT

B1 level fireproof performance for enhanced safety.

ECO-FRIENDLY

Eco-friendly materials, safe, low odor and healthy.

IDEAL FOR MODERN INTERIORS

COMMERCIAL SPACES | RESIDENTIAL PROJECTS | HOTELS & HOSPITALITY | OFFICE & RETAIL

1.25 HIGH-DENSITY

IMPACT RESISTANT WALL PANEL

Built for Protection. Designed for Style.

IMPACT RESISTANT

High-density core provides excellent impact resistance and durability.

WATERPROOF & MOISTURE-PROOF

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COMMERCIAL SPACES | RESIDENTIAL PROJECTS | HOTELS & HOSPITALITY | OFFICE & RETAIL

Hospital corridors

Hotel guest rooms

Hotel renovation

Commercial interiors

Wall panel installation

Dry installation with adhesive and aluminium profiles

EASY INSTALLATION

Simple Tools, Easy Steps, Perfect Finish



Tape Measure



Utility Knife /
Circular Saw



Rubber Hammer



Pencil



Screws or
Air Nails



Electric Drill /
Air Nail Gun



End Cap



Combine Strip



Structural
Adhesive

INSTALLATION STEPS

01



Install decoration metal strip and apply structural adhesive to the back of the wall panels.

02



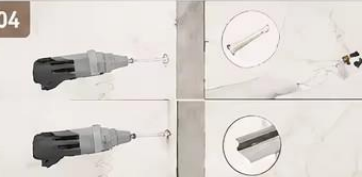
Use rubber hammer to tap gently to make the panel fit tightly against the wall.

03



Install the combine strip.

04



If you use expansion screws, you need to drill holes in advance and mark the drilling positions with a pencil. If you use an air nail gun, you do not need to drill holes in advance.

05



Apply structural adhesive to the back of the next panel and snap it into the combine strip.

06



Repeat step to complete the installation.



STRONG & DURABLE
Impact & Scratch
Resistant



WATERPROOF
Moisture-proof
& Easy to Clean



ECO-FRIENDLY
Low VOC
Safe Materials



EASY INSTALLATION
Save Time
& Labor Cost



WIDE APPLICATION
Residential, Commercial
& Public Spaces

Commercial office wall panel project

Coordinated finishes across executive, meeting, reception and shared spaces



1.25 DENSITY

IMPACT RESISTANT WALL PANEL

Engineered Strength, Elegant Finish.

SUPERIOR IMPACT PERFORMANCE
Engineered to withstand knocks, scratches and daily wear in high-traffic environments.

HIGH-DENSITY CORE
1.25 g/cm³ high-density core enhances strength and stability for long-term reliability.

SUBSTANTIAL, SOLID FEEL
28.8 kg/pc premium weight ensures a solid, secure and reliable installation that stands the test of time.

DESIGNED FOR EXCEPTIONAL SPACES
Perfect for hotels, offices, commercial projects and high-end residential areas.



Natural Oak Sand Oak Smoked Oak Warm Walnut Classic Walnut Meep Walnut Dark Oak Charcoal Oak



EXECUTIVE OFFICE CONFERENCE ROOM RECEPTION AREA PANTRY / BREAK AREA OPEN OFFICE SPACE

What makes it impact resistant?
High-density core and advanced surface technology provide superior resistance to impacts and scratches.

Is it suitable for commercial use?
Yes. It's specifically engineered for high-traffic areas such as offices, hotels, and public spaces.

How does the high density benefit me?
It enhances durability, stability and sound insulation, ensuring long-lasting performance.

Is it easy to install?
Absolutely. Works with common installation methods and accessories for efficient application.

Is it eco-friendly?
Yes. Made with environmentally responsible materials and low emission standards.

Project design scope

- Executive and manager offices
- Reception and waiting areas
- Conference and meeting rooms
- Pantry, dining and break areas
- Coordinated flat panels and slatted features

Office wall panel applications

Wood finishes create a consistent material language across working areas



Shared-space applications

Panel systems extend from meeting rooms to dining and support spaces



4mm SPC Bathroom Wall Panel

Large-format, non-absorbent cladding for bathrooms and shower areas



Standard formats

- Thickness 4 mm
- Width 600 or 1,200 mm
- Length 2,600 or 2,800 mm
- Mineral powder and PVC resin composite
- UV-protected decorative surface

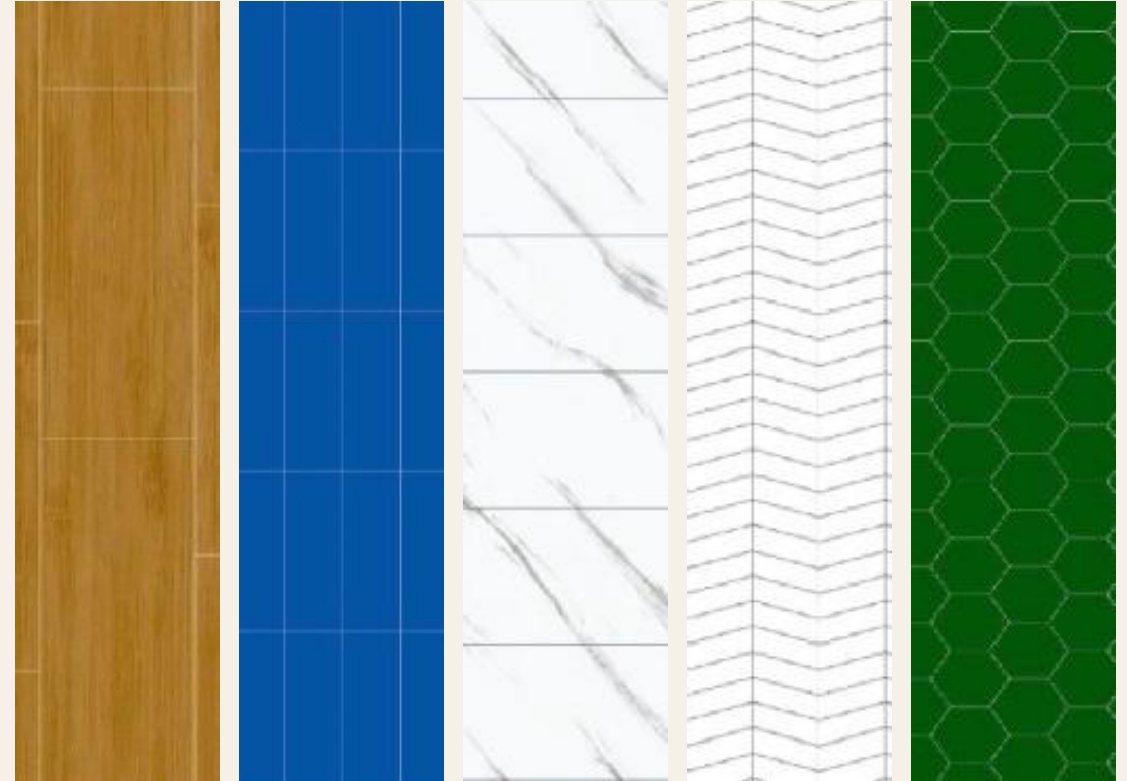
Large panels reduce grout lines and support faster installation in hotel and apartment bathroom projects.

SPC finishes and custom layouts

Stone, terrazzo and graphic patterns for wet-area projects



STANDARD FINISHES



CUSTOM DISTRIBUTED PATTERNS

Custom designs are available subject to minimum order quantity.

MCM Flexible Wall Cladding

Lightweight mineral composite for façades, curves and renovation



3–6 mm

Typical thickness

- Flexible for curved walls and columns
- Natural stone, brick and travertine textures
- Suitable for interior and exterior decoration
- Can be applied over tiles or concrete
- Easy on-site cutting with a utility knife

Epoxy Coloured Quartz Sand Flooring

A seamless decorative floor with a distinct granular texture



System composition

- Epoxy resin
- Coloured quartz sand
- Curing components
- Approx. 0.3–3 mm aggregate

Mixed and applied on site to form a hard-wearing decorative finish with custom colour and texture.

Epoxy flooring applications

Decorative wear resistance for commercial, residential and selected industrial interiors



Core benefits

- Seamless decorative appearance
- Wear and scratch resistance
- Water and moisture resistance
- Easy routine cleaning
- Custom aggregate and colour blends

Special systems

Anti-slip, conductive, chemical-resistant, clean-room or long-life claims require the relevant formulation and test documentation.

Epoxy flooring application process

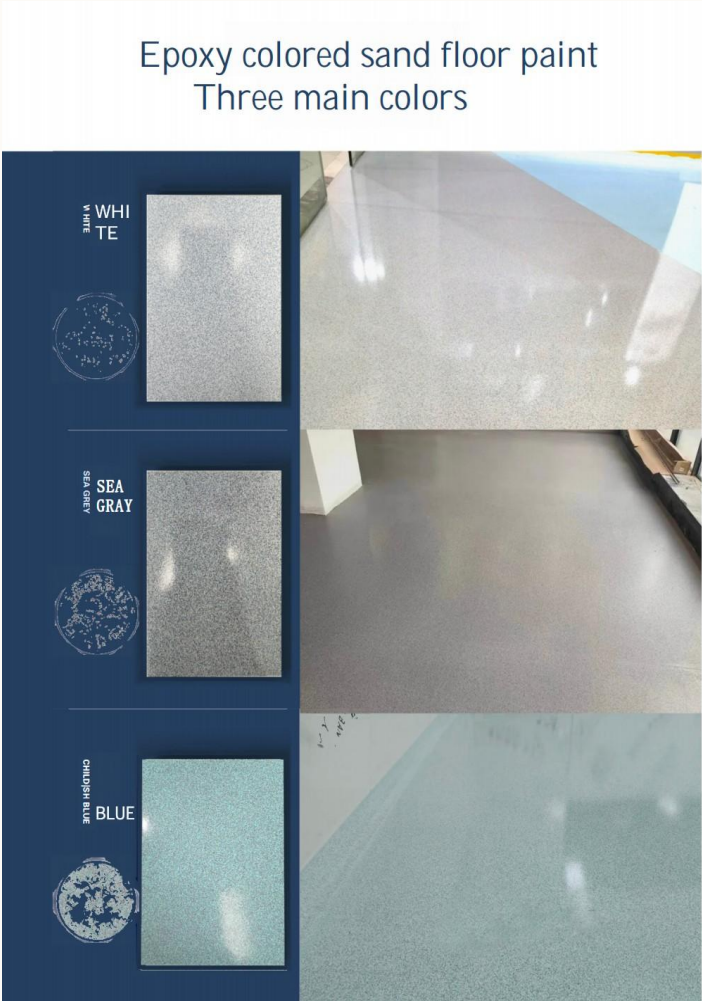
Substrate quality and controlled curing determine the final finish



- 01** Prepare and clean the concrete substrate
- 02** Apply epoxy primer and allow it to set
- 03** Mix resin, coloured quartz and curing components
- 04** Spread, level and de-air the flooring layer
- 05** Allow the system to cure before service

Epoxy colours and surface appearance

Physical samples support colour selection before project production



APPLICATION

Natural beauty

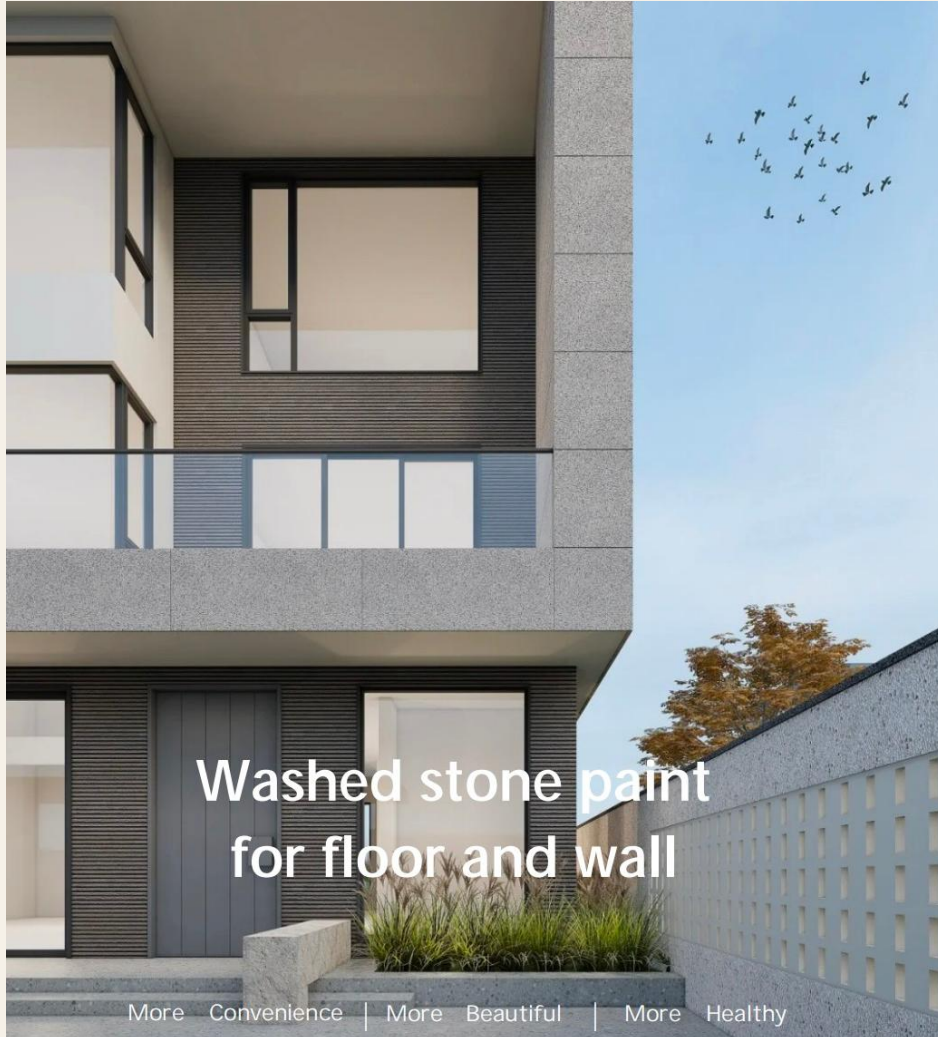
FLOOR PAINT

Customizable colors to suit different decorative styles, water-based formula, low VOC, formaldehyde-free, in line with green building material standards.



Resin-Bound Washed Stone Finish

Natural aggregate texture for walls, floors and landscape surfaces



Natural stone character with a stabilised resin binder

Stone particles are bonded with polymer resin to create a continuous textured finish. The system preserves the visual depth of washed stone while improving stability, stain resistance and routine maintenance.

- Interior and exterior walls
- Floors, steps and circulation areas
- Landscape walls, paths and seating
- Custom colour and aggregate combinations

Washed stone applications

A continuous mineral texture across architecture and landscape



01. Good texture

The texture is delicate and can be u

02. High hardness

Strong hardness when it is applied

03. Wear resistance

The abrasion resistance of washed is very strong, with few traces of us

04. Moisture and m

The bathroom, swimming pool, and



Washak

Resin washable become a popular current decoration to its excellent and unique visual not only enriches the expression of metal, but also brings experience and enjoyment to the owners.

Applicat

- Residential
- Commercial
- Public
- Outdoor use

ite and gray - mainstream colors for home decoration

rough paint

nd wall

ble stone

il-friendly

ather resistance

• internal and external

in resistance



Washed stone wall system

Primer, aggregate finish and protective topcoat



Washable Stone

For indoor
and outdoor
use

Wall and Floor use

Compatible with other styles,
not limited by materials
Whether it is overall space
renovation or special-shaped
corner processing

Wall washable stone work steps



Indoor effect scene

Washable rough paint
for floor and wall



Typical build-up

- Level and repair the substrate
- Apply transparent sealing primer
- Apply 1-2 washed stone layers
- Apply protective topcoat in the specified method

Washed stone floor system

Additional sealing and polyurethane protection for wear surfaces



Floor washable stone

It is a suitable washed stone for indoor flooring because it has good durability in densely populated areas and is resistant to collisions, scratches, etc. It creates a smooth space without joints and is easy to clean and maintain.



Outdoor wall use

Advantages :

01 Aesthetic Effect:

Resin washed stone presents rich color combinations and the texture of natural stone, which can create an artistic and personalized design style.

02 Strong durability:

It has high wear resistance, compressive strength and excellent anti-slip performance. It also has good weather resistance and can resist the influence of environmental factors such as weathering, freeze-thaw and so on.

03 Waterproof and stain resistant:

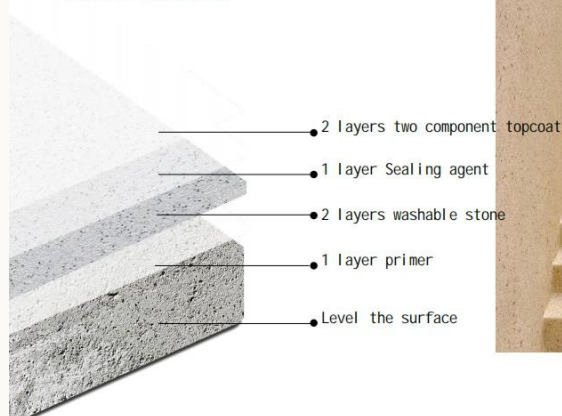
The resin layer not only protects the stone particles from moisture erosion, but also effectively prevents dust and stains from penetrating, greatly reducing the difficulty of subsequent maintenance.

04 Convenient construction:

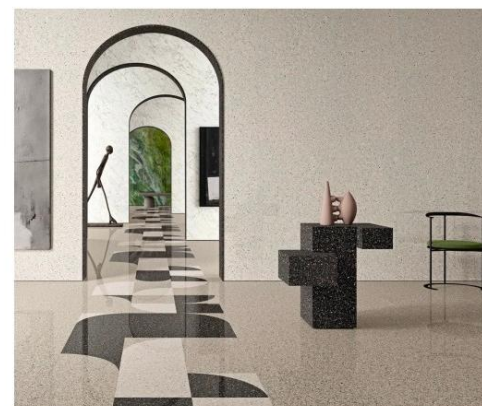
Compared with traditional washed stone, resin washed stone simplifies the process and improves efficiency during construction.

Floor washable stone work steps

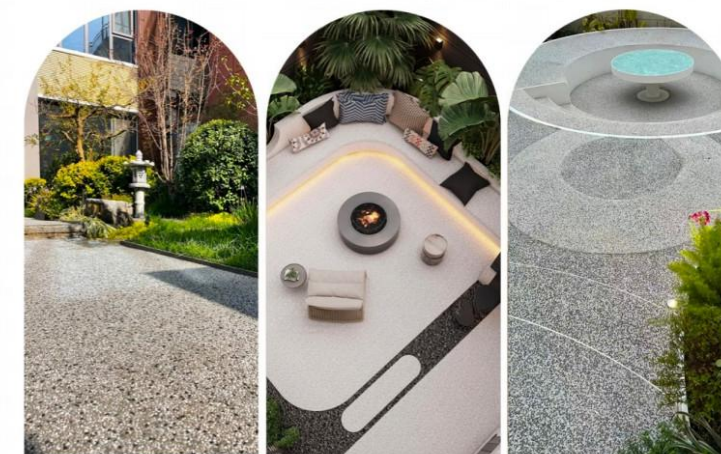
Base surface requirements: The ground base must be flat and not cracked.



people's requirements architectural decoration acts increase, the ket demand for hed stone paint tinues to grow due to xcellent performance decorative effects, and future prospects are ad.



In addition to the common white, gray and beige colors of washed stone, designers can also customize a variety of colors according to customer needs.



Our company has more than 20 styles and colors of water-washed stone, which can be perfectly adapted different scenes.

Project support

Material coordination from selection through installation guidance

01

Product selection

Match performance, thickness and finish to the space and substrate.

02

Finish coordination

Coordinate flat panels, slatted panels, trims, skirting and adjacent surfaces.

03

Quantity planning

Support panel layouts, cutting considerations and order quantity planning.

04

Installation guidance

Provide recommended accessories and application sequences for each system.

Custom colours, surface films and distributed patterns are available subject to production requirements and minimum order quantities.



LET'S DISCUSS YOUR PROJECT

Xiamen Lmoana Industry And Trade Co., Ltd.

Email

info@lmoana.com

Product specifications and performance classifications remain subject to final technical confirmation for each order and market.