柔性石材：大板、深肌理与定制开发

Flexible stone: large formats, texture and custom surfaces

软石 / MCM

为墙面创造更完整的视觉与触感。

Soft stone / MCM

A complete visual and tactile expression for walls.

面向工程商、采购商、设计师与个人别墅客户。

For contractors, project buyers, distributors, designers and villa owners.

图册应用效果 / Catalogue illustration

完整的材料、产品与项目介绍

A complete material, product and project overview

01 品牌与选材逻辑 03-05
Brand and material selection

02 材料特点与适用性 06-12
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专注软石，连接工厂与项目

Flexible stone, from our factory to your project

佛山市虹迪新材料有限公司，以 HOMEDM 为品牌，专注柔性石材生产、肌理开发、二次打印与项目供货。

Foshan Hongdi New Materials Co., Ltd. (HOMEDM) focuses on flexible stone manufacturing, texture development, secondary printing and project supply.

4 年

柔性石材业务经验

Focused on flexible stone

8,000 m²

工厂与展厅面积

Factory and showroom area

3 条

生产线及加工配合

Production lines and surface processing

工厂地址：佛山市南海区罗村罗务路196号；可预约到厂参观或视频看厂。

Factory: No. 196 Luowu Road, Luocun, Nanhai District, Foshan, China. Visits and live video tours by appointment.

选材从项目需要出发

Start with the needs of the project

建筑与基层

Building and substrate

墙面位置、承载条件、基层状态与节点，是选材的起点。

Location, substrate condition, load requirements and details define the brief.

效果与尺度

Aesthetics and scale

先确定颜色、肌理、板幅与接缝节奏，再选择对应产品。

Define colour, texture, panel format and joint rhythm before choosing a finish.

施工与维护

Installation and care

考虑配套系统、现场条件、收边和后期清洁维护。

Consider the system, site conditions, edges and ongoing cleaning.

采购与交付

Sourcing and delivery

核对样板、面积、包装、运输及项目时间。

Agree samples, quantity, packing, shipping and timing.

比较材料，更要比较完整方案

Compare complete systems, not just surfaces

天然石材 / Natural stone	天然质感与厚重表达。 Natural character and a substantial appearance.	评估自重、固定方式、加工与运输。 Assess weight, fixing, fabrication and transport.
陶瓷 / 岩板 • Ceramic / slabs	花色、尺寸与表面选择丰富。 A broad range of colours, formats and finishes.	评估边角、切割、基层和安装系统。 Review edges, cutting, substrate and installation.
涂料 / 涂层 • Paint / coatings	现场施工、色彩与修补方式灵活。 On-site colour application and flexible repair options.	评估基层处理、质感与维护周期。 Assess preparation, finish and maintenance.
柔性石材 / Flexible stone	薄片饰面、肌理及板幅组合。 Thin-sheet surfaces with textures and format options.	按款式核对技术数据和配套系统。 Check product data and compatible systems.

成本与性能应按具体产品及施工方案评估。

Assess cost and performance for the specific product and installation system.

什么是柔性石材 / 软石 / MCM

What is flexible stone / soft stone / MCM?

材料与表面

Material and surface

以矿物原料与改性成型体系，结合表面工艺表达石感。

Mineral-based materials and a modified forming system create stone-like surfaces.

薄片饰面

Thin-sheet construction

通过板材结构和配套铺贴，形成墙面装饰界面。

Sheet-format materials and compatible installation form the decorative surface.

工艺差异

Process variations

基材、模具、肌理与打印工艺会影响尺寸和厚度。

Base, mould, relief and printing affect dimensions and thickness.

样板确认

Sample approval

色彩和触感以选定款式的实物样板为准。

Approve physical samples for the selected finish.

材料优势，要落到设计与施工中

Material benefits in design and installation

薄片与板幅

Thin sheets and panel formats

为整体墙面及不同尺度的设计提供选择。

Options for continuous surfaces and different architectural scales.

肌理与触感

Texture and touch

自然石感、深肌理、线条与几何系列形成丰富层次。

Natural stone effects, relief, lines and geometry add surface depth.

柔性与细节

Flexibility and details

适合款式可结合试样，用于柱体与曲面讨论。

Suitable finishes can be assessed with trials for columns and curves.

定制与供货

Customization and supply

颜色、打印与模具开发可根据需求讨论。

Discuss colour, printing and mould development for your brief.

轻薄的价值，来自整体系统配合

Thin-sheet value comes from system coordination

厚度按款式确认

Product-specific thickness

深肌理和打印基材厚度不同，不设全系列统一值。

Deep relief and printable bases differ; thickness is finish-specific.

重量按选款确认

Weight by selected product

面密度与包装重量应按实际型号和供货规格核对。

Check unit and packing weights for the actual supplied product.

基层与粘结

Substrate and bonding

薄片结构仍需满足配套系统与项目要求。

Thin sheets still require a compatible system and suitable substrate.

排版与效率

Layout and workflow

板幅、搬运、切割和试贴共同影响现场组织。

Format, handling, cutting and mock-ups influence site workflow.

更深的肌理，更清晰的光影层次

Deeper relief and richer light-and-shadow effects

粗犷石感

Rugged stone effects

斧凿石、大开片石等强调起伏与触感。

Rockcut and large-relief finishes emphasize depth and texture.

线条秩序

Linear rhythm

线条方向影响拼接与空间视觉。

Pattern direction shapes the joints and visual rhythm.

编织与几何

Woven and geometric forms

为现代墙面提供不同的图案语言。

Alternative surface languages for contemporary walls.

实物与灯光

Samples and lighting

结合实际照明确认色彩及凹凸效果。

Review colour and relief under the intended lighting.

柔性与曲面，先确认适配条件

Flexibility and curves: verify the conditions first

曲率与方向

Radius and direction

按目标柱径或弧度试样，确认肌理方向。

Trial the target diameter or radius and confirm pattern direction.

基材与表面

Base and surface

不同基材与深肌理的弯曲表现不同。

Different bases and relief depths behave differently when bent.

接缝与收边

Joints and edges

通过深化图协调转角、拼接和端部处理。

Coordinate corners, joints and terminations in detailed drawings.

施工验证

Installation trial

现场试贴确认基层、粘结与最终效果。

Use a mock-up to check substrate, bonding and final appearance.

室外选材，关注耐候与系统匹配

Exterior selection: exposure and system compatibility

使用环境

Exposure

日晒、温湿变化与降雨条件应纳入选材。

Consider sunlight, temperature, humidity and rainfall.

产品资料

Product documents

按具体型号核对耐候、吸水及相关测试范围。

Check weathering, absorption and test scope for the selected product.

结构与节点

System and details

粘结、接缝、收边及排水需整体配合。

Coordinate bonding, joints, edges and drainage.

维护与清洁

Care and cleaning

清洁方法先在样板上验证，与使用环境配合。

Test cleaning methods on a sample and consider the environment.

防火与环境资料，核对样品与适用范围

Fire and environmental data: check product and scope

防火资料

Fire information

核对试样、基层、安装方式与报告中的分类。

Review the sample, backing, installation and classification in the report.

环境资料

Environmental information

按项目需要申请相关检测或声明，并核对型号。

Request applicable tests or declarations and match them to the product.

历史与当前

Historical and current

原演示数据保留在附录；当前订单按对应产品确认。

Historical data appears in the appendix; confirm data for the current product.

项目审核

Project review

由项目团队结合当地要求审核对应资料。

The project team should review the relevant documents against local requirements.

大板规格，跟随款式与模具确认

Panel formats follow the selected finish and mould

重点规格系列约为 600 × 1200、1200 × 2400、1200 × 3000 mm。

Typical format families include approximately 600 × 1200, 1200 × 2400 and 1200 × 3000 mm.

600 × 1200

室外选材较多

Often selected for exterior walls

1200 × 2400

室内整面墙

Interior feature walls

1200 × 3000

大板与挑高空间

Large-panel and tall spaces

尺寸仅为系列示意，实际可用板幅与厚度因模具、肌理和工艺有差异。

Formats are illustrative; usable size and thickness vary with mould, finish and process.

两条产品方向，连接设计与工艺

Two surface directions connecting design and production

深肌理
Deep textures

通过深浅变化、线条、编织和几何形态表达石感。

Relief, lines, woven patterns and geometry create tactile stone effects.

二次打印
Secondary printing

在适合的基材上扩展花色与图案，并讨论定制开发。

Expand colours and patterns on suitable bases, with options for custom development.

自然石感与粗犷肌理

Natural stone effects and rugged textures

斧凿石

Rockcut Stone

3300 × 1200 mm

大开片石

Large Rockcut Stone

2985 × 1120 mm

星月石

Starmoon Stone

3180 × 1160 mm

毛面花岗岩

Rough Granite

3180 × 1180 / 1200 × 600 mm

海洞石

Sea Travertine

2390 × 1180 mm

洞石

Travertino

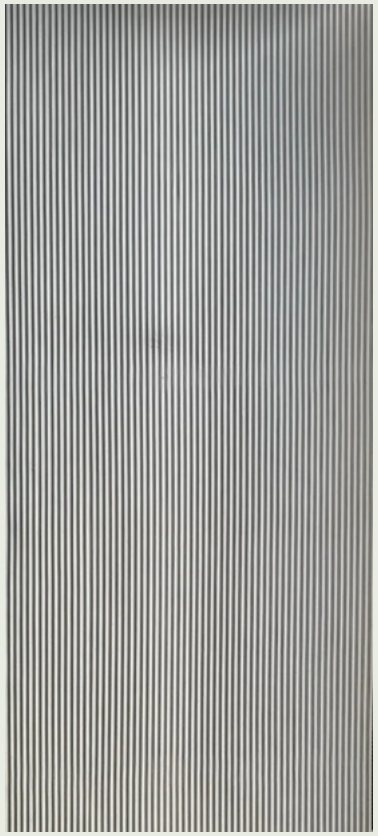
3000 × 1200 / 2400 × 1200 / 1200 × 600 mm

图册参考尺寸；颜色、厚度和可用板幅按款式及模具确认。

Catalogue references; confirm colour, thickness and usable size for the selected finish and mould.

线条、几何与大板设计

Linear, geometric and large-panel designs



三角板

3D Sharp Triangle Board

2800 × 1200 mm

流动细线石

Stream Fine Line Stone

2935 × 1200 mm

几何图案石

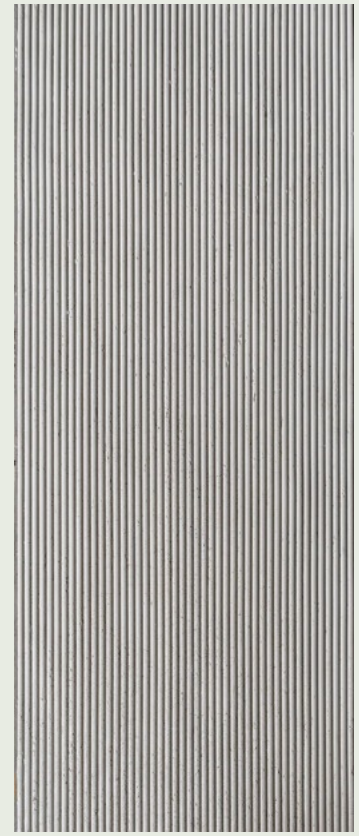
3D Geometric Design

2980 × 1180 mm

新款编织

New Weaving

2475 × 1164 mm



罗马圆柱

Roman Pillar

3000 × 1200 mm

图册参考尺寸；颜色、厚度和可用板幅按款式及模具确认。

Catalogue references; confirm colour, thickness and usable size for the selected finish and mould.

洞石基础系列

Travertine base collection

罗马洞石

Romanite

1200 × 600/2400 × 1200/3000 × 1200 mm

白砂洞石

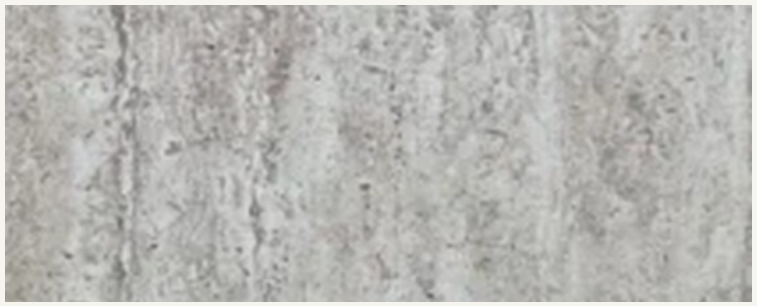
Dolomitic Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm

米兰洞石

Milan Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm



意大利洞石

Italian Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm

意大利木纹洞石

Italian Wood Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm

安第斯洞石

Travertine Andean

1200 × 600/2400 × 1200/3000 × 1200 mm

图册参考尺寸；颜色、厚度和可用板幅按款式及模具确认。

Catalogue references; confirm colour, thickness and usable size for the selected finish and mould.

打印花色与艺术表达

Printed colours and artistic surfaces

卡拉拉洞石

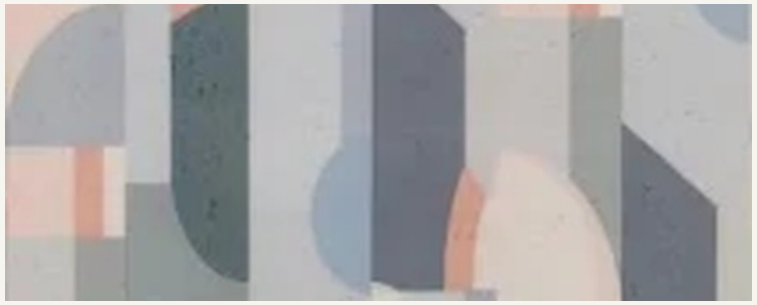
Carrara Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm

流砂洞石

Sand Flow Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm



马卡龙洞石

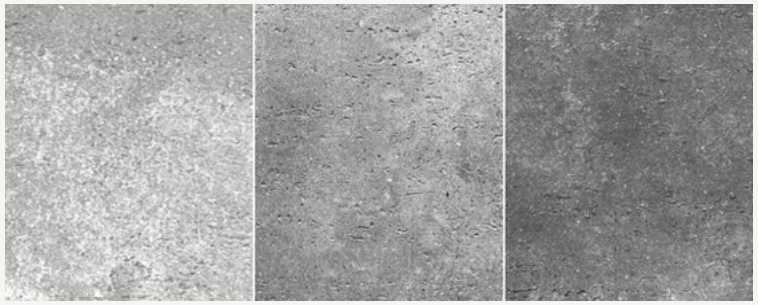
Macaron Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm

落日余晖洞石

Sunset Glow Travertine

1200 × 600/2400 × 1200/3000 × 1200 mm



安藤水泥

Ando Cement

1200 × 600/2400 × 1200/3000 × 1200 mm

水磨石

Terrazzo Rough Stone

1200 × 600/3000 × 1200 mm

图册参考尺寸；颜色、厚度和可用板幅按款式及模具确认。

Catalogue references; confirm colour, thickness and usable size for the selected finish and mould.

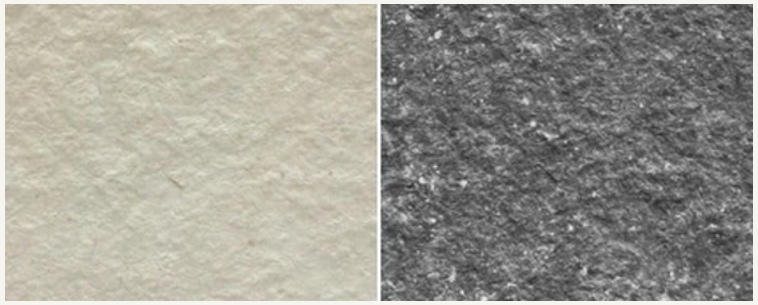
山石、水泥与其他基材效果

Rock, concrete and other base effects

溪砂山石

Stream Limestone

1200 × 600/3000 × 1200 mm



莱姆石

Lime Stone

1200 × 600/3000 × 1200 mm

泰山石

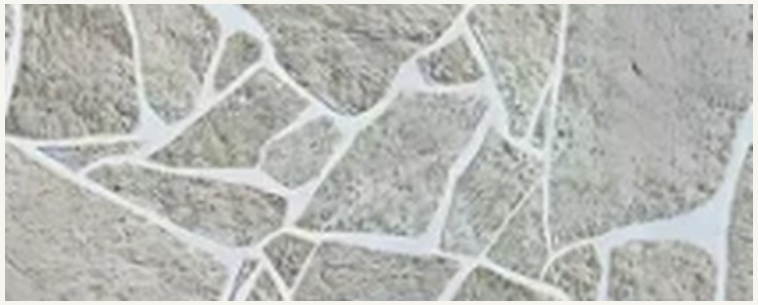
Taishan Stone

1200 × 600/3000 × 1200 mm

意大利灰山岩

Italian Ash Mountain Stone

1200 × 600/3000 × 1200 mm



城堡石

Castle Stone

1200 × 600/3000 × 1200 mm

卡斯兰大理石

Castelan Marble

1200 × 600 mm

图册参考尺寸；颜色、厚度和可用板幅按款式及模具确认。

Catalogue references; confirm colour, thickness and usable size for the selected finish and mould.

把设计参考，变成可以确认的样板

Turn a design reference into an approved sample

颜色与图案

Colour and pattern

提交参考照片、色彩或设计图，先明确目标效果。

Share photos, colours or drawings to define the target surface.

基材与模具

Base and mould

讨论肌理、板幅和加工可行性。

Discuss relief, format and process feasibility.

开发与定稿

Development and approval

通过实物样板确认颜色、表面和规格。

Approve colour, surface and dimensions through physical samples.

订单与批量

Order and production

确认数量、批次要求与生产安排。

Agree quantities, batch requirements and production planning.

从基材到成品，展示真实生产环节

From base production to finished panels

基材生产

Base production

CNC 加工

CNC processing

打印加工

Printing workshop

成品仓储

Finished-goods storage

生产计划根据款式组合、加工要求及当前订单安排确认。

Confirm production timing against the finish mix, processing requirements and current order schedule.

室内墙面：完整表达空间气质

Interior walls: a complete surface expression

住宅背景墙

Residential feature wall

接待空间

Reception area

公共空间

Shared interior space

图册应用效果示意，供设计与选材参考。

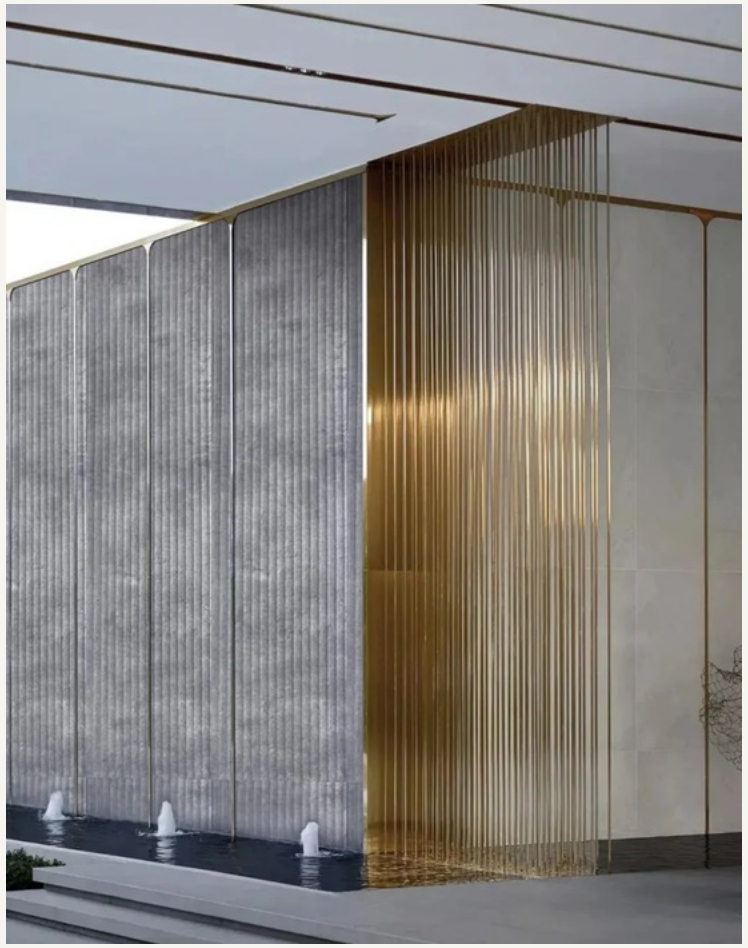
Catalogue application illustrations for design and material selection.

室外与曲面：协调建筑细节

Exteriors and curves: coordinate architectural details

别墅立面

Villa facade



建筑入口

Building entrance

曲面柱体

Curved column

图册应用效果示意，供设计与选材参考。

Catalogue application illustrations for design and material selection.

酒店、餐饮与商业展示

Hospitality, dining and retail display

餐饮空间

Dining space

商业展示

Retail display

空间主墙

Interior feature surface

图册应用效果示意，供设计与选材参考。

Catalogue application illustrations for design and material selection.

旧改与翻新，先评估现场条件

Renovation starts with a site assessment

原有基层

Existing substrate

检查稳定性、平整度和附着条件，确定处理方式。

Assess stability, flatness and adhesion conditions before treatment.

样板验证

Mock-up verification

通过试贴确认系统兼容性和目标效果。

Use a mock-up to confirm compatibility and the intended finish.

节点衔接

Detail coordination

门窗、端部、阴阳角及相邻材料需协调。

Coordinate openings, terminations, corners and adjacent materials.

现场组织

Site planning

结合拆改、施工条件、保护与验收安排工作。

Plan work around preparation, site access, protection and inspection.

为不同客户提供有用的选材支持

Sourcing support for different customer roles

工程商 / 项目采购

Contractors / project buyers

按面积及图纸讨论样板、规格、报价和供货。

Use areas and drawings to discuss samples, specifications, quotes and supply.

进口商 / 渠道商

Importers / distributors

组合产品系列、展厅样板和定制花色。

Build collections, showroom sample ranges and custom finishes.

建筑师 / 设计师

Architects / designers

从肌理与颜色开始，讨论排版和设计细节。

Start with texture and colour, then explore layouts and details.

个人别墅客户

Villa owners

结合内外墙位置、风格、面积，与施工方共同确认。

Review location, style and area, then coordinate with your installer.

从选款到报价，清晰推进需求

From finish selection to quotation

提出需求

Define the brief

国家、应用、参考款式、面积、尺寸和目标时间。

Country, application, finish references, area, format and timing.

确认样板

Approve samples

确认颜色、触感、厚度、板幅和细节。

Confirm colour, feel, thickness, panel size and details.

确认订单

Agree the order

数量、包装、运输、交付安排与技术要求。

Agree quantity, packing, shipping, delivery and technical requirements.

项目配合

Coordinate the project

按产品和系统要求完成深化、试贴及施工沟通。

Coordinate detailed design, mock-ups and installation for the chosen system.

安装流程：原稿五步示意与项目确认

Installation: the original five-step illustration

弹线定位

Set out reference lines

01

配套粘结

Apply compatible adhesive

02

铺贴定位

Position the panels

03

压实找平

Press and align

04

清洁收边

Clean and finish edges

05

原稿施工图片用于流程说明。当前大板需先确认基层、配套系统、搬运方式、试贴、接缝和收边，并按对应产品安装指导执行。

Original images illustrate the process. For current large panels, verify substrate, compatible system, handling, mock-up, joints and edges, then follow the product-specific installation guidance.

包装、交付与使用后的维护

Packing, delivery and ongoing care

包装与保护

Packing and protection

按尺寸、数量和运输条件确认包装与边缘保护。

Confirm packing and edge protection for size, quantity and transport conditions.

发运与目的地

Shipping and destination

核对面板清单、收货安排及所需资料。

Check panel lists, receiving arrangements and required documents.

施工与成品保护

Installation and protection

施工期间保护表面，按指导处理接缝与清洁。

Protect surfaces during installation and follow jointing and cleaning guidance.

日常清洁

Routine cleaning

采用与表面兼容的方法，先在样板上验证。

Use compatible cleaning methods and test them on a sample first.

从一块样板，开始你的项目

Start with a sample. Build your project.

佛山市虹迪新材料有限公司

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homedm.net

扫码了解产品与工厂

Scan for products and factory information

原始技术资料：外观、吸水与耐候

Original technical data: appearance, absorption and weathering

原稿表格列有外观、吸水、耐冻、耐热和人工老化等项目。表中可见吸水率 4%、尺寸变化率 0.3%、人工老化 2000 h 等历史数据。

The original table lists appearance, water absorption, freezing, heat and artificial weathering. Historical entries include 4% absorption, 0.3% dimensional change and 2000 h weathering.

No.	Test items		Requirements of standard JC/T 2219-2014(2017)				Test results	Individual conclusion	Test standard/ method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
1.	Surface quality	Perfoliate crack or hole, layering	Not allow				No perfoliate crack and layering	Passed	JC/T 2219-2014 (2017) 6.3
		Chipped edge, arris defect, hole,blister, color difference	No obvious flaws and color difference				No obvious flaws and color difference	Passed	
2.	Water absorption		≤ 15%. The test specimen has no bulking,no layering,no crack, no chalking				4%. The test specimen has no bulking,no layering,no crack, no chalking	Passed	JC/T 2219-2014 (2017) 6.5
3.	Freezing resistance				The surface has no crack, no chalking, no layering		The surface has no crack, no chalking, no layering	Passed	JC/T 2219-2014 (2017) 6.6
4.	Heat resistance	Rate of dimensional change	≤ 0.5%				0.3%	Passed	JC/T 2219-2014 (2017) 6.7
		Surface	No tacky, no blister				No tacky, no blister	Passed	
5.	Artificial weathering resistance	Time	——		2000h		2000h	Passed	JC/T 2219-2014 (2017) 6.9
		Appearance	——		No blister, no crack and layering		No blister,no crack and layering	Passed	
6.	Skid resistance (Static coefficient of friction)		—	> 0.5mm	—	> 0.5mm	0.7mm	Passed	GB/T 4100-2006 Aappendix M
Remarks: （Blank）									

图表来自原演示文件，不作为当前全系列统一参数；项目使用前须取得对应产品完整报告并核对适用范围。

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原始技术资料：柔性与环境项目

Original technical data: flexibility and environmental items

原稿表格列有柔性、耐沾污、耐化学性、有害物质及放射性项目。其中柔性栏写有 φ200 mm、无裂纹。

The original table lists flexibility, dirt pickup, chemical resistance, harmful substances and radionuclides. Its flexibility entry states diameter 200 mm, with no cracking.

No.	Test items		Requirements of standard JC/T 2219-2014(2017)				Test results	Individual conclusion	Test standard/ method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
7.	Flexibility		contracted				Φ 200mm No crack	Passed	JC/T 2219-2014 (2017) 6.12
8.	Dirt pickup resistance		≤ 2 rank (scraggy surface)				1 rank (scraggy surface)	Passed	GB/T 9780-2013
9.	Chemical resistance	Acid resistance	The surface has no crack, no layering, no obvious discoloration				The surface has no crack, no layering, no obvious discoloration	Passed	JC/T 2219-2014 (2017) 6.14
		Alkali resistance	The surface has no crack, no layering, no obvious discoloration				The surface has no crack, no layering, no obvious discoloration	Passed	
10.	Limit of harmful substances	TVOC	≤ 10g/m²	——			3.2g/m²	Passed	GB 18586-2001 5.5
		Pb	≤ 20mg/m²	——			8.4mg/m²	Passed	GB 18586-2001 5.4
		Cd	≤ 20mg/m²	——			Not detected	Passed	
11.	Limits of radionuclides	I_{Ra}	≤ 1.0	——			0.1	Passed	GB 6566-2010
		I_r	≤ 1.3	——			0.1	Passed	

Remarks:
Not detected: Cd < 0.1mg/m²

图表来自原演示文件，不作为当前全系列统一参数；项目使用前须取得对应产品完整报告并核对适用范围。

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原始技术资料：防火试验表

Original technical data: fire test table

原稿防火表使用 A2-s1,d0 分类，并列出试样安装与背板条件。分类的使用需结合完整报告、对应样品及安装构造确认。

The original fire table uses the A2-s1,d0 classification and specifies installation and backing conditions. Its applicability must be checked against the full report, sample and assembly.

No.	Test items		Requirements of standard GB 8624-2012 Tabulate building materials	Test results	Individual conclusion	Test standard/ method
12.	Fire classification A (A2-s1, d0)	PCS (substantial components, metal plate)	≤ 3.0MJ/kg	2.8MJ/kg	Passed	GB/T 14402-2007
		$FIGRA_{0.2MJ}$	≤ 120W/s	93W/s	Passed	GB/T 20284-2006
		THR_{600s}	≤ 7.5MJ	2.8MJ	Passed	
		LFS	< edge of specimen	<edge of specimen	Passed	
		TSP_{600s}	≤ 50m^2	45m^2	Passed	
		SMOGRA	≤ 30m^2/s^2	5m^2/s^2	Passed	
		Flaming droplets/ particles	No flaming droplets/ particles within 600 s	No flaming droplets/ particles within 600 s	Passed	
Installation (GB/T 20284-2006)	1. Test samples based on GB/T 20284-2006 5.2.2 d) to install. 2. Backing board (fiber reinforced calcium silicate boards) size: 1000mm × 1500mm, 570mm × 1500mm, thickness 12mm, density 800kg/m^3 . 3. Test specimen surface by the fire is arbitrary surface.					
Remarks: The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.						

图表来自原演示文件，不作为当前全系列统一参数；项目使用前须取得对应产品完整报告并核对适用范围。

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