

2023

AenixZ

POSTON BOARD SOLUTION



High quality interior boards that change everyday life

AenixZ

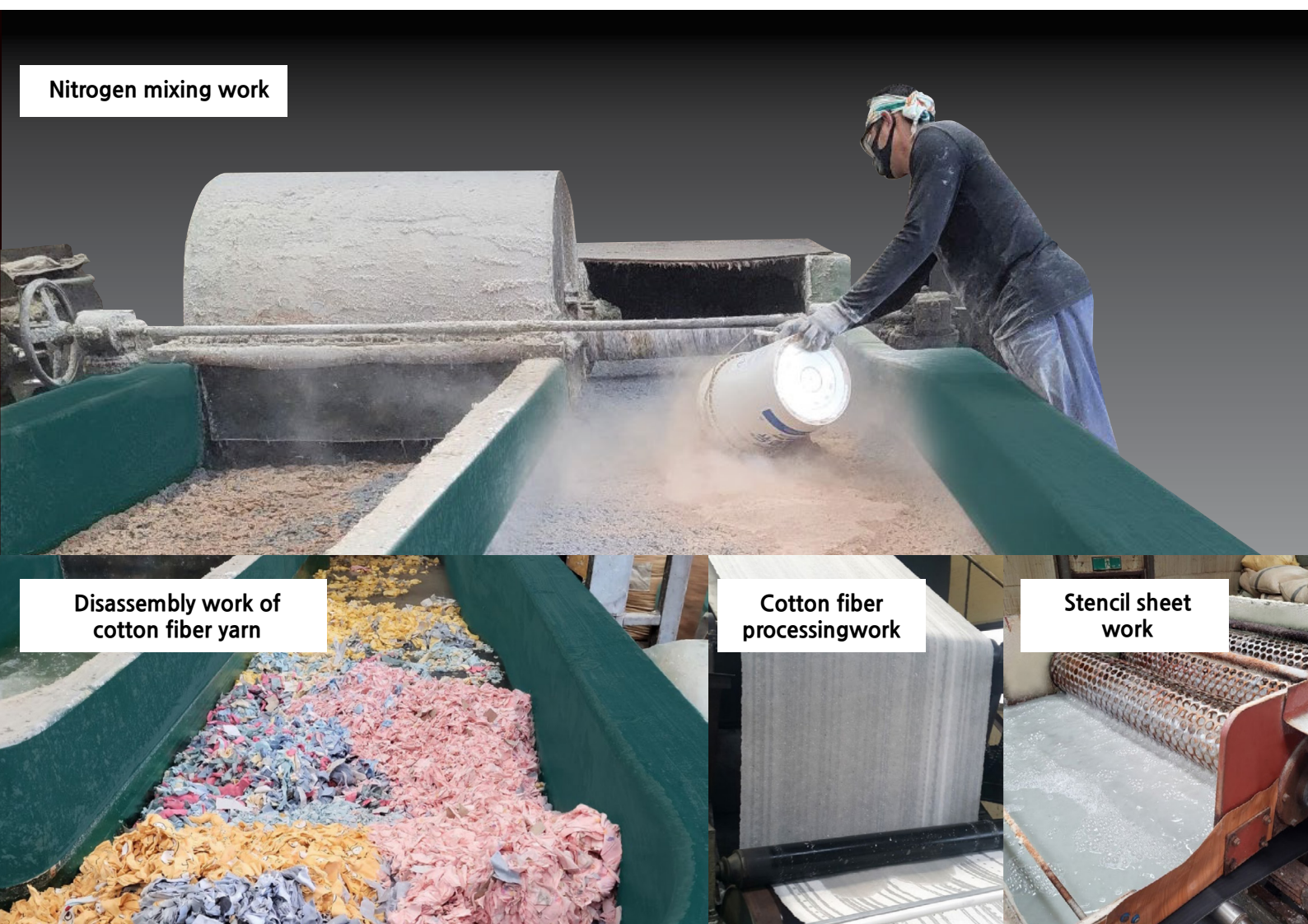


Vision of

It is leading the market with a new paradigm with eco- friendly furniture and interior building materials with beautiful and practical design and functionality. Now I suggest a space with different senses. We will be reborn as a company that approaches itself and all stakeholders around us more closely, communicates sincerely, and receives strong trust and love.

the Future.

To develop the social value of safety, we will make every effort to produce safe materials.



Nitrogen mixing work

Disassembly work of cotton fiber yarn

Cotton fiber processing work

Stencil sheet work

A company that makes environmentally friendly building materials to

We manufacture and sell non-combustible, semi-non-combustible, and flame-retardant products with fire resistance to prevent the spread of fire among the interior of the building finish that is closely exposed to our real life.

AenixZ

is here with you.

Flameproof Board

Environmentally Friendly Architecture!

AenixZ with differentiated technology creates it

Home Door

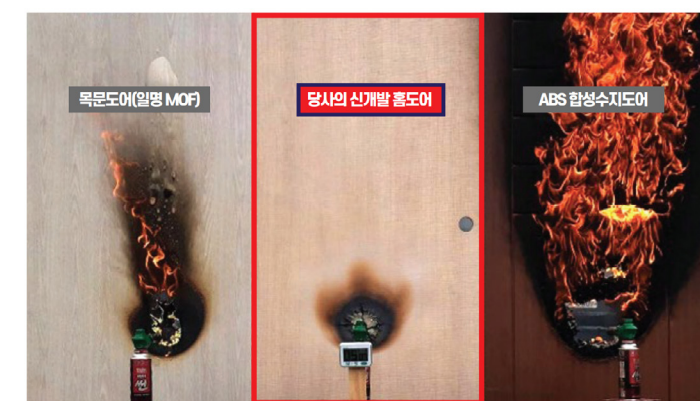
Though fires are terrifying,
Toxic gases are scarier than fire.



A fire accident that takes everything in a moment. Now, the home door has to move away from the concept of a partition and act as a strong shelter in the event of a fire.



Sample image



It must now be reformed into safe building materials.

If you experience at the home door fire you've been using for 20 years, you can feel how dangerous toxic gases are.

Back to Nature.

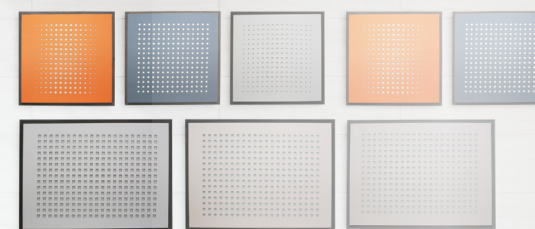
Product Index.



POSTON BOARD

Artificial marble for internal and external use

The organic colors and natural stone patterns make it a stylish and safe interior board.



FLAMEPROOF BOARD

Interior material, Ceiling texture

In the event of a fire, it secures rescue time and prevents further spread and casualties by blocking secondary.

HOME DOOR

Interior/external door

Beyond the concept of a partition and acts as a strong shelter to prevent toxic gases in case of fire.



Edit a space by design
POSTONBOARD

Color flameproof board
SOUND ABSORPTION PANEL

Safe flameproof door
HOME DOOR

Safe flameproof board
CEILING TEX

POSTON Board

The tone of the space depends on which board you choose. Poston board is not the same space as others. It's a premium board that fits my taste and space atmosphere. Now, create your own new space with Poston Board that never existed in the world.

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* If you have any questions about the purchase and construction of the products introduced in this catalog, please contact Fomers

Poston Board Color Swatch



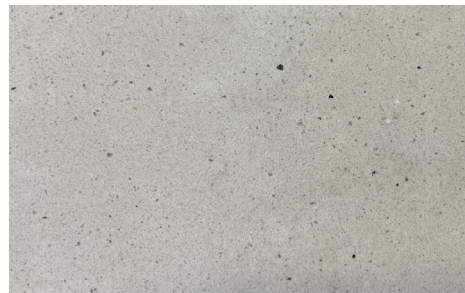
SW-01 WHITE



SW-02 SHADOW WHITE



SY-03 IVORY



SG-04 LIME SILVER



SG-05 MADRE GREY



SB-06 NEVADA BLACK

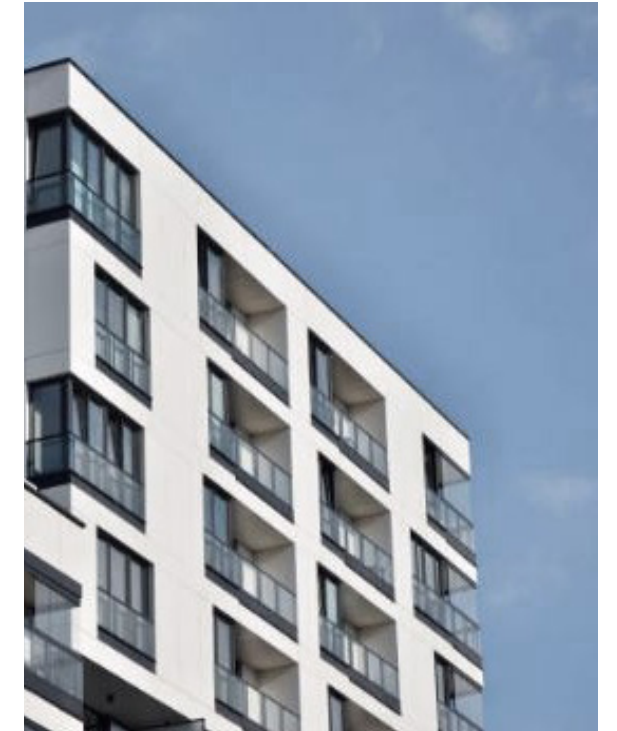
[Production specification]

Interior material 600 x 1200 x 7.5 mm, 600 x 2400 x 7.5 mm

Scope of use



Interior material



Building Exterior Material

Poston marble is a composite material with various pattern patterns formed by combining eco-friendly binders and natural minerals on a durable calcium silicate board. It is resistant to heat or harsh moisture and has excellent fire resistance and dimensional safety. Eco-friendly semi-non- combustible board containing no other harmful substances.

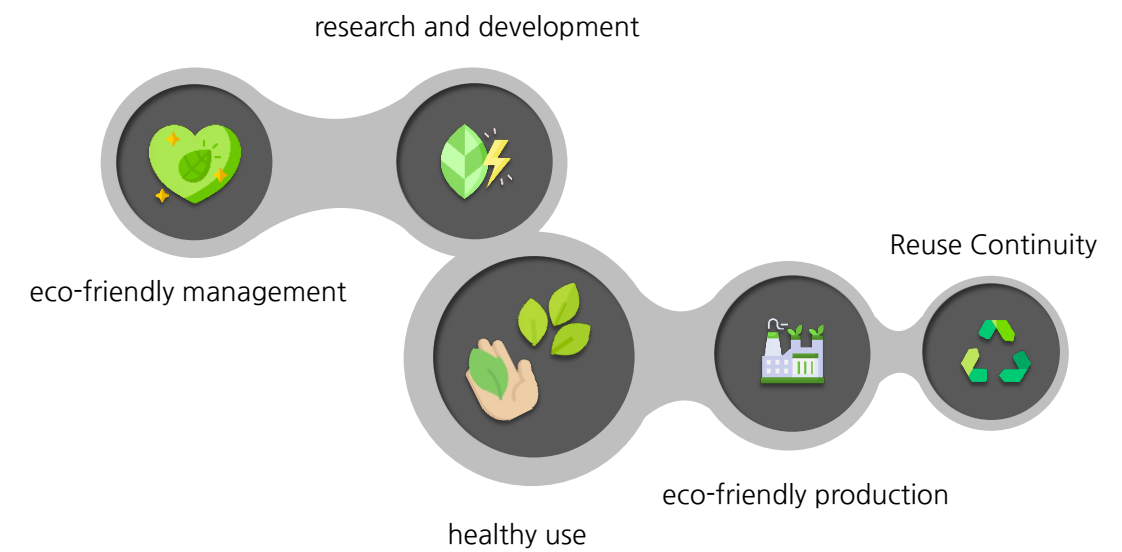


Back to nature

ECO

Flame proofing plate

In the event of a fire, flame-resistant plates block flames and toxic gases for a long time to secure rescue time and prevent further spread and casualties.



AenixZ Aiming for Eco-Friendly Products

In line with international agreements and government policies, AenixZ is building a voluntary and active eco-friendly production system throughout the production process from raw materials to finished products. Based on the accumulated know-how in manufacturing eco-friendly materials and cooperation with professional research institutes consisting of experts related to the environment and industry, all experts, including product planning and R&D, strive to create an eco-friendly space.

LIVING ROOM



* It is an image cut designed to help you understand, so there may be some differences from the actual product.



Semi-combustible board

It is a board that can secure rescue time by blocking flames and toxic gases for a long time in case of fire and prevent further spread and casualties through secondary blocking.

Try it on Artwall!

- Stone patterns that easily blend into various spaces enhance the luxury.
- By smoothing out the corners, it allows a luxurious finish on the connection and is convenient to construct.

[Purpose]

Interior interior material (art wall, etc.)

[Features]

[Features]

- Non-toxic : No hazardous substances detected (asbestos-free, nontoxic, hazardous substances and gases)
- Nonflammable: Flammable Class 2 semi-nonflammable performance
- Finishing: Surface is sanding glossy Available as interior material

SG-05 MADRE GREY



KITCHEN



* It is an image cut designed to help you understand, so there may be some differences from the actual product.



Semi-combustible board

It is a board that can secure rescue time by blocking flames and toxic gases for a long time in case of fire and prevent further spread and casualties through secondary blocking.

Try it on kitchen boards and doors!

- It is a product with a large and diverse pattern of organic colors and tone-on-tone inspired by nature.

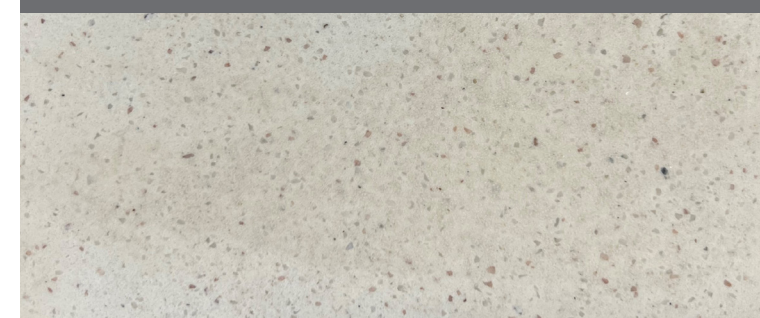
[Purpose]

Kitchen furniture material (Upper plate, EP panel)

[Features]

- Water resistance and moisture resistance:
No change in the product even if exposed to moisture for a long time due to lack of water absorption on the surface

SY-03 IVORY



SB-06 NEVADA BLACK



BATH



* It is an image cut designed to help you understand, so there may be some differences from the actual product.



Semi-combustible board

It is a board that can secure rescue time by blocking flames and toxic gases for a long time in case of fire and prevent further spread and casualties through secondary blocking.

Try it on the wall!

- It is excellent for creating a luxurious atmosphere by implementing natural patterns.
- It is easy to construct as a substitute for a wall tile without a grout line, and the atmosphere of the finest artificial marble texture enhances the dignity of the bathroom.

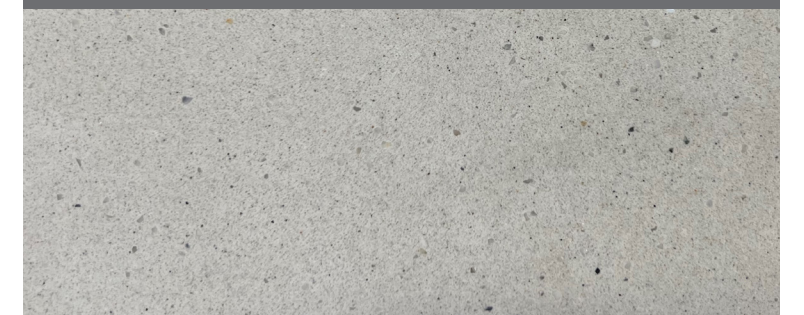
[Purpose]

Bathroom wall tiles

[Features]

- Water resistance and moisture resistance: No change in the product even if exposed to moisture for a long time due to lack of water absorption on the surface

SG-04 LIME SILVER



OFFICE



* It is an image cut designed to help you understand, so there may be some differences from the actual product.



Semi-combustible board

It is a board that can secure rescue time by blocking flames and toxic gases for a long time in case of fire and prevent further spread and casualties through secondary blocking.

Try it on walls and ceilings!

- Stone patterns that easily blend into various spaces enhance the luxury.
- It is a nature-friendly material of natural minerals (mica stone, local ingredients).
- Using a staple gun is possible, so it is convenient for the installation and improves the quality of finishing.

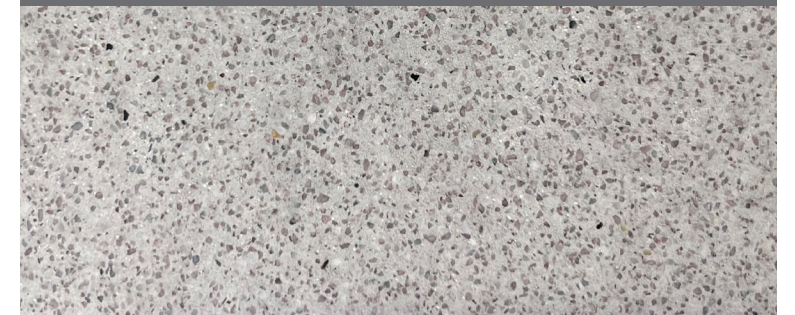
[Purpose]

Interior material (Ceiling tex)

[Features]

- Non-toxic : No hazardous substances detected (asbestos-free, nontoxic, hazardous substances and gases)
- Nonflammable: Flammable Class 2 semi-nonflammable performance
- Finishing: Surface is sanding glossy Available as interior material

SG-05 MADRE GREY



WALL COVERING



* It is an image cut designed to help you understand, so there may be some differences from the actual product.



Semi-combustible board

It is a board that can secure rescue time by blocking flames and toxic gases for a long time in case of fire and prevent further spread and casualties through secondary blocking.

Try it on the exterior wall!

It is a product that embodies the rough texture of concrete with modern and trendy colors and feelings.

[Purpose]

Architectural exterior material

[Features]

- Non-toxic : No hazardous substances detected (asbestos-free, nontoxic, hazardous substances and gases)
- Nonflammable: Flammable Class 2 semi-nonflammable performance
- Finishing: Surface is sanding glossy Available as interior material

SW-02 SHADOW WHITE



SB-06 NEVADA BLACK



Construction Method

[Internal construction]



1. INTERIOR WALL WOODWORK



2. 9T PLYWOOD CONSTRUCTION



3. CONSTRUCTION OF STENCIL STAPLE GUN
AFTER POSTON BOARD BACK WOODWORK
BONDING WORK



4. CONSTRUCTION COMPLETED

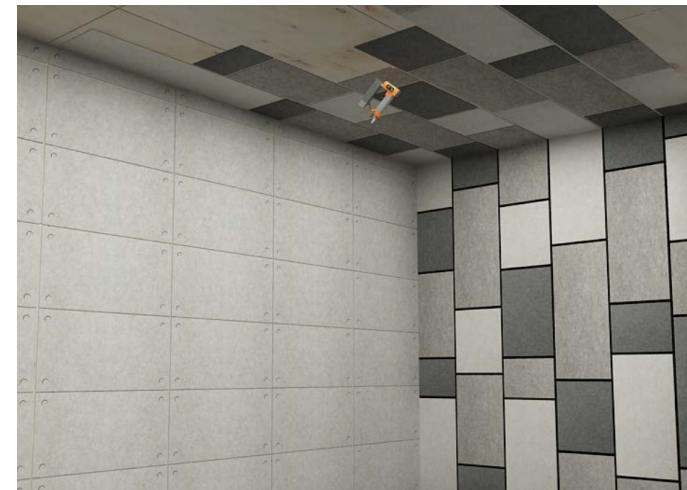
[Ceiling construction]



1. INTERIOR CEILING WOODWORK



2. 9T PLYWOOD CONSTRUCTION



3. CONSTRUCTION OF STENCIL STAPLE GUN
AFTER POSTON BOARD BACK WOODWORK
BONDING WORK



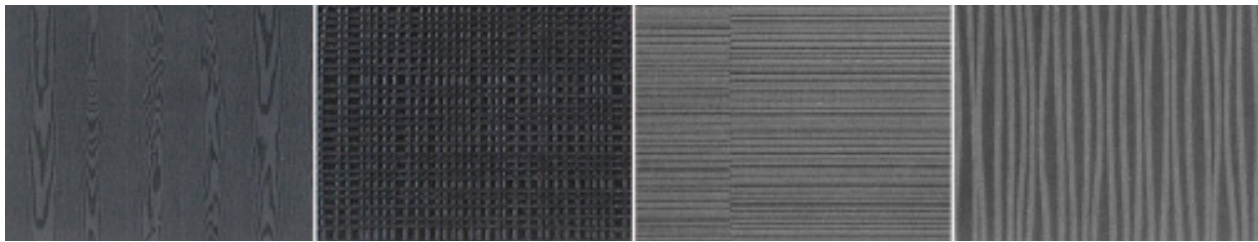
4. CONSTRUCTION COMPLETED

Sound absorption panel



Embo Board

1220 x 2440 mm



CLASSIC WOOD

FABRIC 1

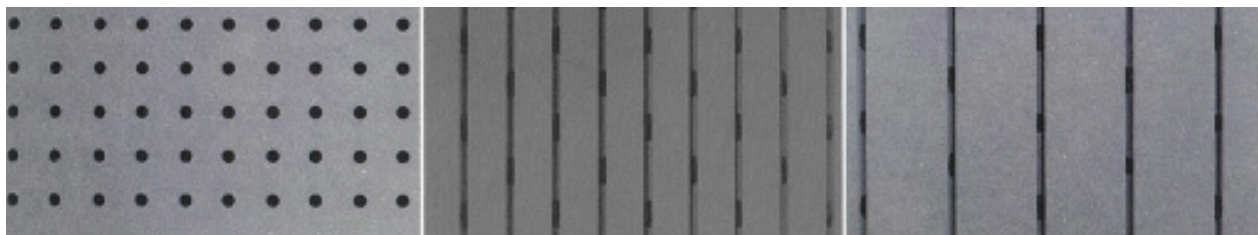
FABRIC 2

OCEAN 1

Sound Absorption Board

1200 x 2400 mm

1184 x 2400 mm



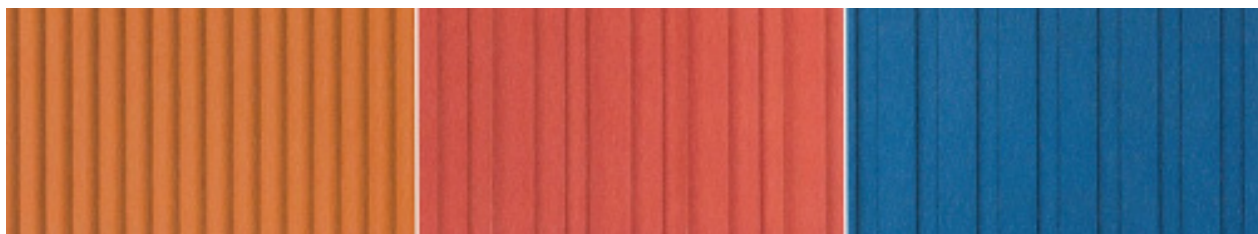
SINGLE PUNCH

LINE PUNCH 16P

LINE PUNCH 32P

Temba Board

1200 x 2400 mm



HALF-MOON

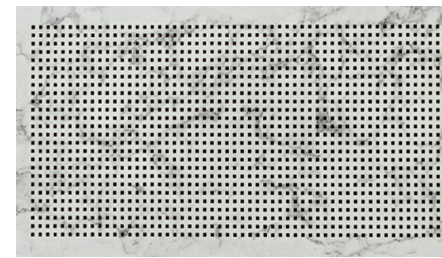
HALF-MOON RANDOM

SQUARE

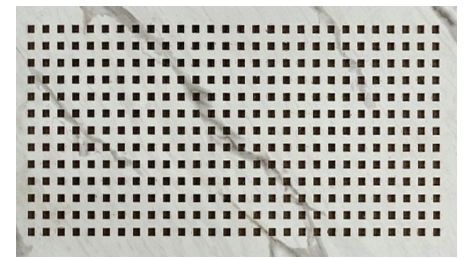
Product type

Various colors and patterns

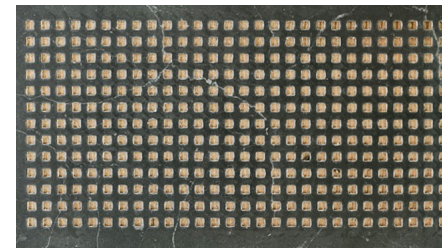
There are a wide range of choices with various types of artificial marble and takong patterns. (In addition to the above photos, various patterns and colors can be applied after consultation.)



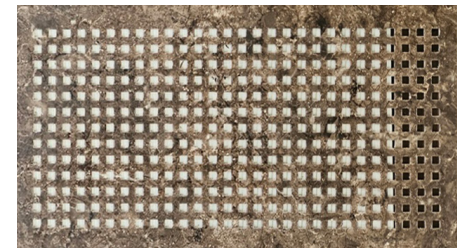
01



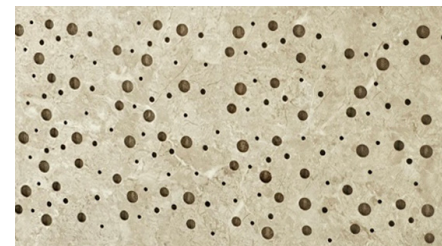
02



03



04



05

[Production Standrad]

1200 x 2400 x 4.5 mm

Advantage



Eco-friendly Semi-combustible sound- absorbing panel

Fireproof boards delay the spread of flames and suppress smoke emissions as much as possible, ensuring safety and protecting precious lives and property in the event of a fire

[Eco-friendliness] 100% Environmentally friendly semi-flammable finish board

[Incombustibility] Indoor finishing walls, ceilings, back non-combustible finishing materials

[Moisture resistance] Absorb moisture in spring and summer, and release moisture in winter

[Constructability] On-site construction possible with Staple gun and Glue

[Economic feasibility] Affordable interior materials that do not require additional



Improve moisture resistance



Eco-friendly EO rated



Various colors and patterns



Superior processability

On request



Improve moisture resistance

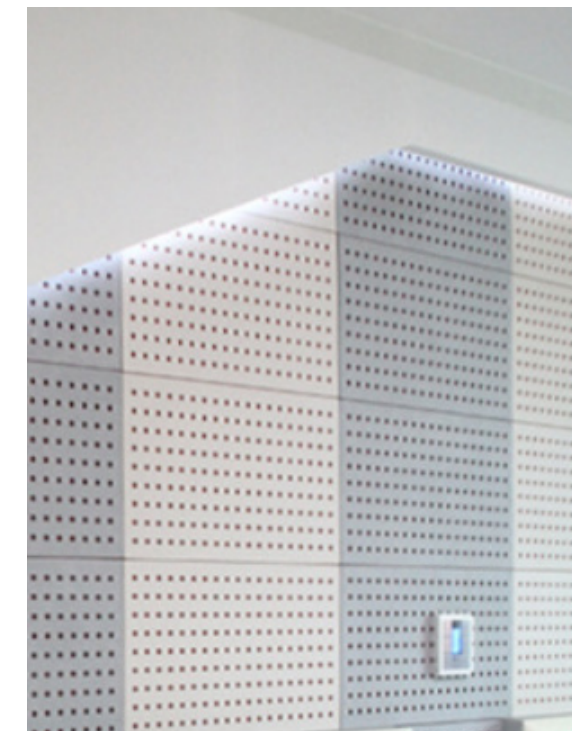
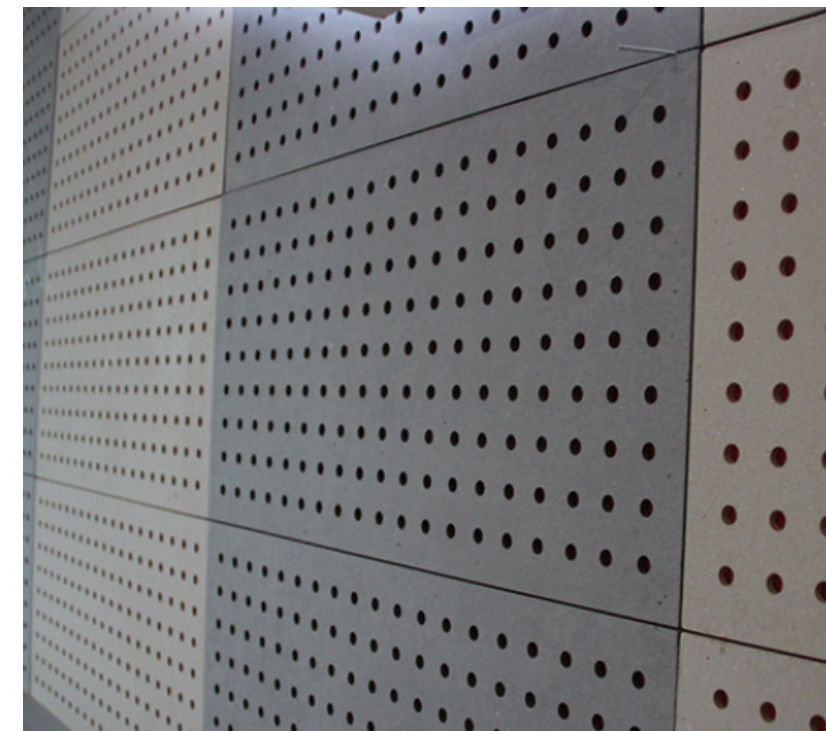
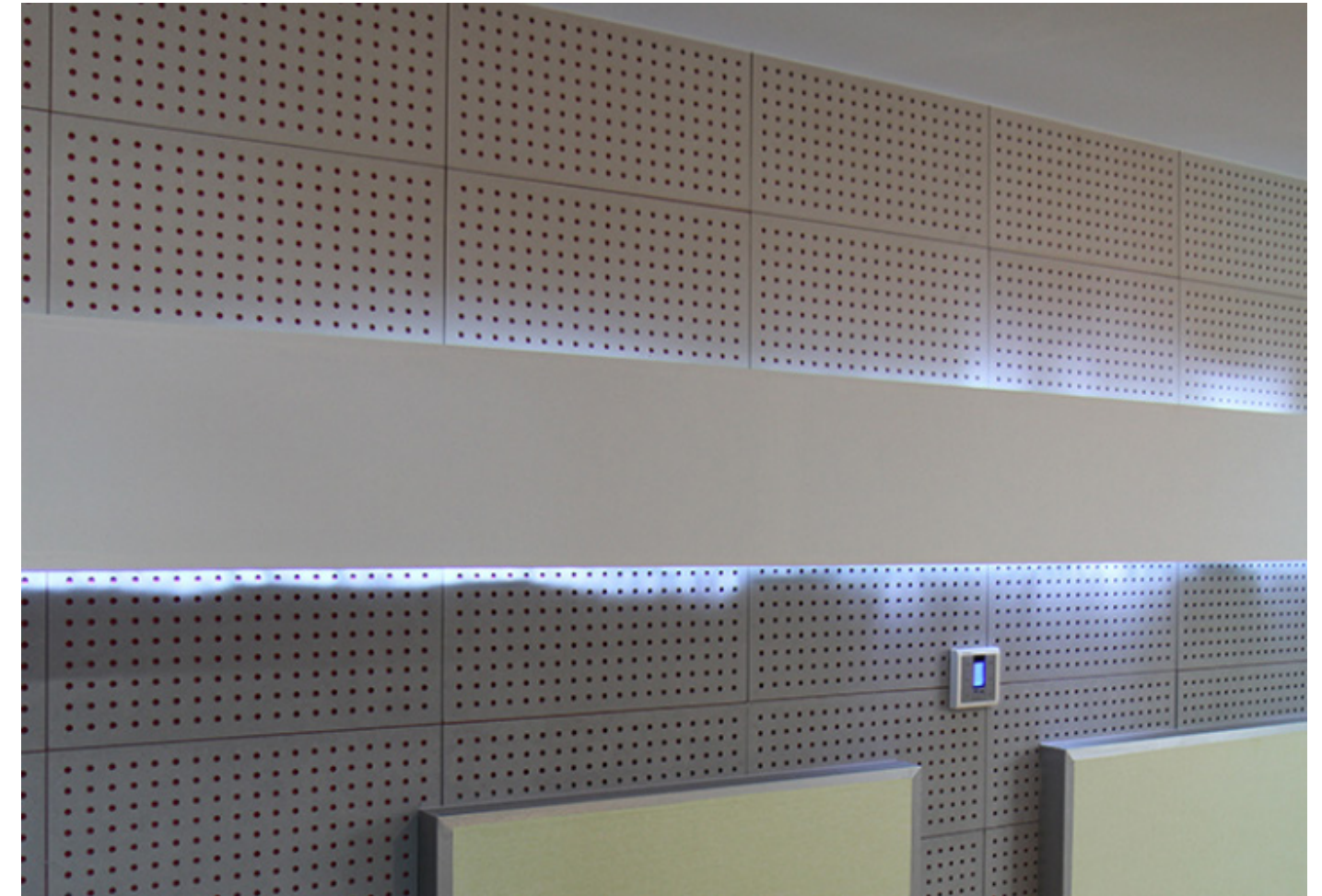


FORMALDEHYDE FREE



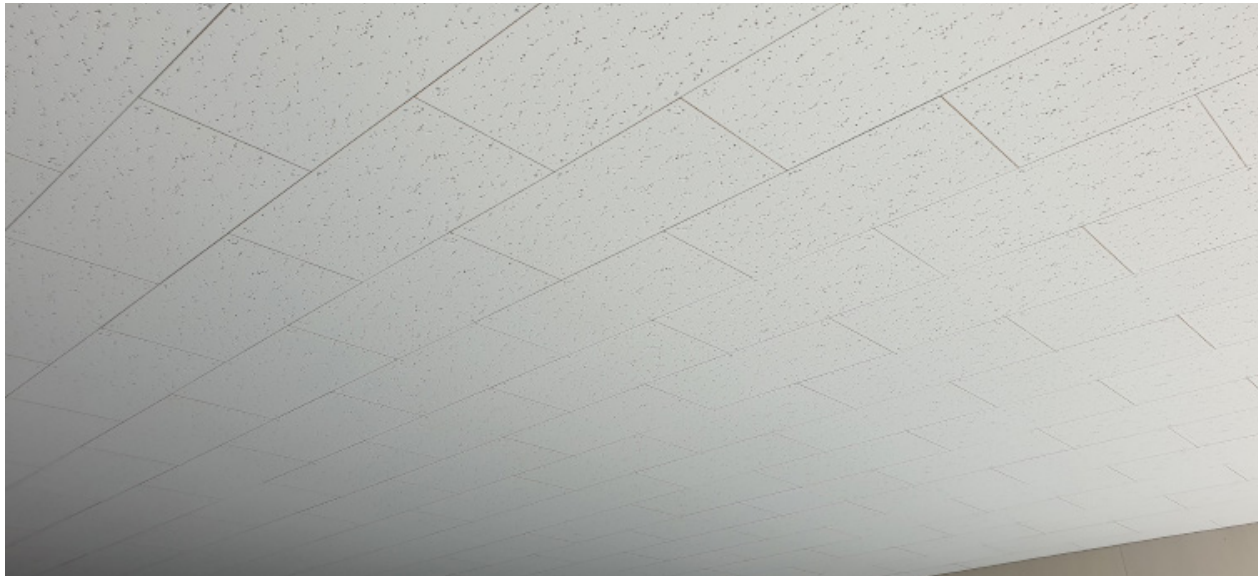
Strengthening Pollution Resistance

Construction case

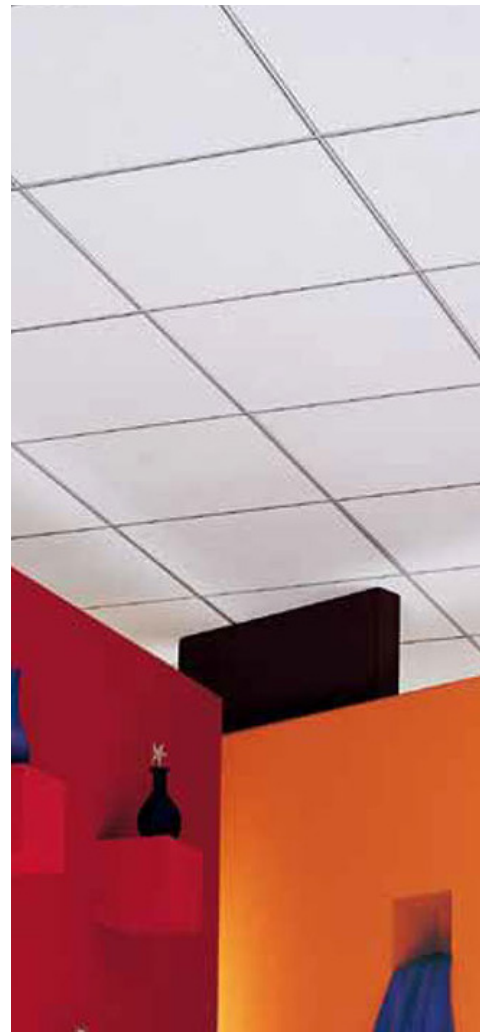


The only excellent company in the industry with performance certification and has excellent procurement items through eco-friendly certification of all items.

Ceiling Tex



Site Pic



Advantage



Eco-friendly Semi-combustible sound- absorbing panel

Fireproof boards delay the spread of flames and suppress smoke emissions as much as possible, ensuring safety and protecting precious lives and property in the event of a fire

[Eco-friendliness] 100% Environmentally friendly semi-flammable finish board

[Incombustibility] Indoor finishing walls, ceilings, back non-combustible finishing materials

[Moisture resistance] Very little sagging due to temperature and moisture

[Constructability] It's easy to cut, so it's easy to construct

[Economic feasibility] It can be separated individually before and after the ceiling installation, making it easy to repair



Sagging resistance



Acoustic absorption



Dimensional stability



Constructability



Easy maintenance



High reflectance of light

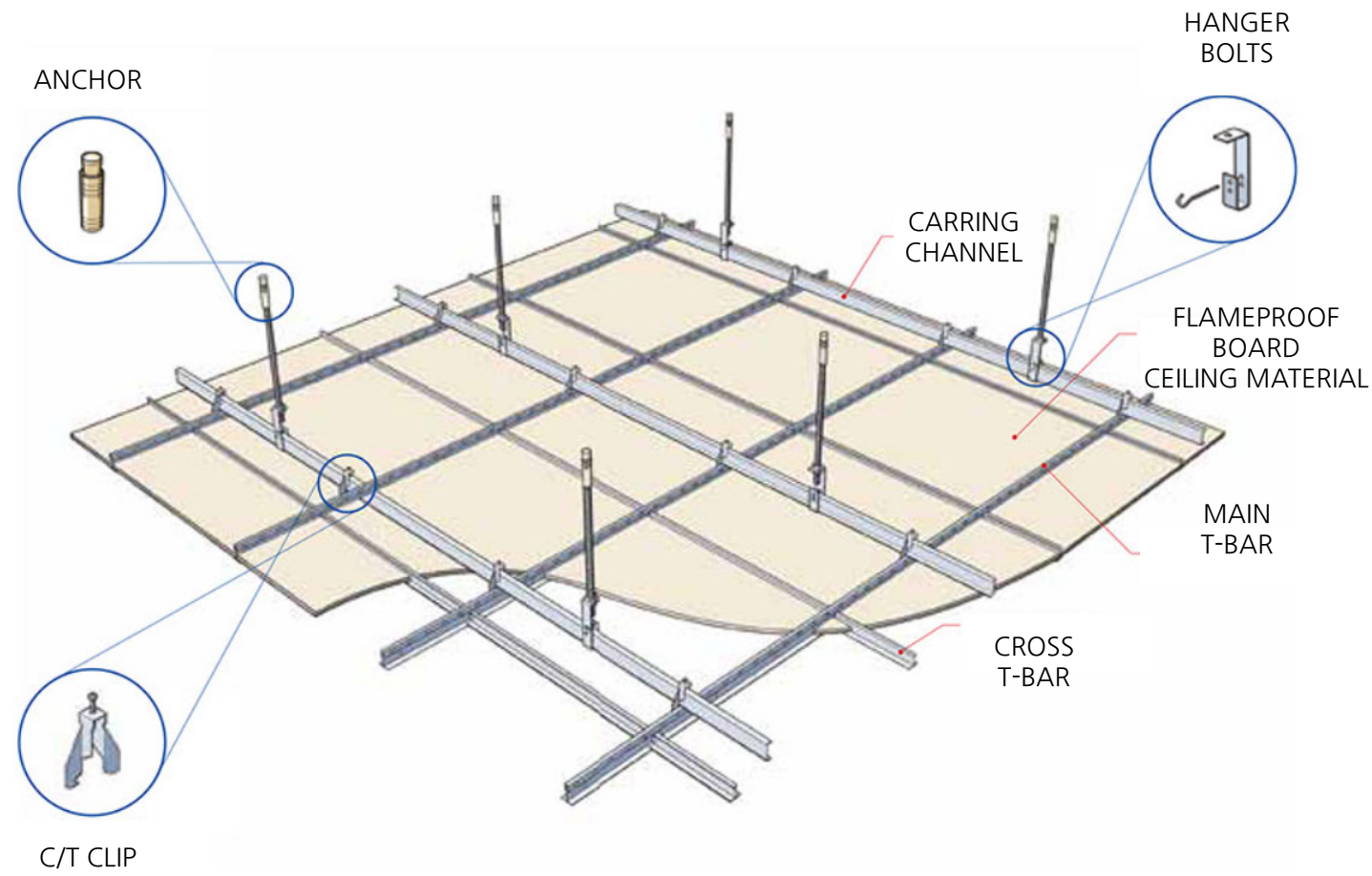


Harmlessness



Sound insulation

Construction Method



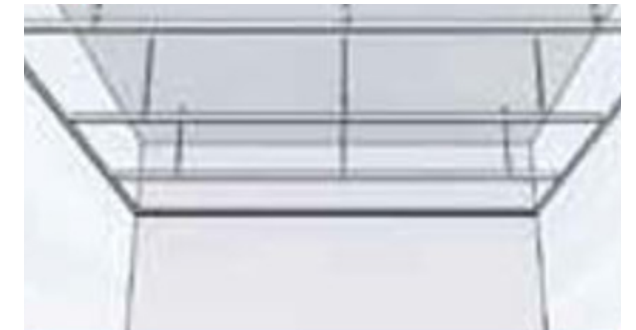
1. CENTERLINE ESTABLISHMENT AND ANCHOR CONSTRUCTION



2. FRAME MOLDING CONSTRUCTION



3. HANGER BOLTS AND HANGER CONSTRUCTION



4. CARRING CHANNEL CONSTRUCTION



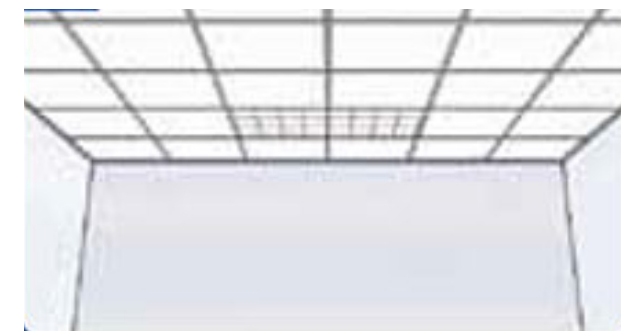
5. MAIN T-BAR CONSTRUCTION



6. CROSS T-BAR CONSTRUCTION



7. CONSTRUCTION OF FLAMEPROOF BOARD CEILING MATERIAL



8. CONSTRUCTION COMPLETED

Safe flameproof door

Home Door Color Swatch

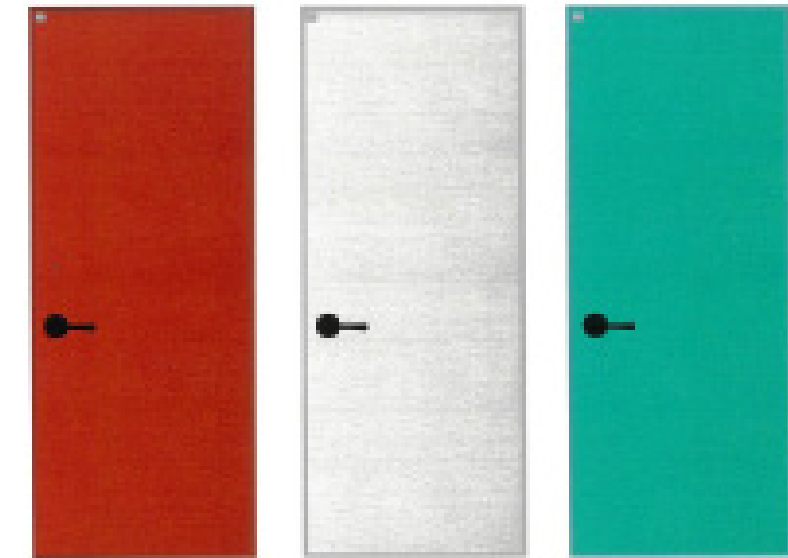
The LPM color used for the door has more than 500 different designs and allows consumers to express various colors, textures, patterns, and embossing. In particular, it is resistant to fire, water, and moisture due to its excellent antibacterial, contamination, and chemical resistance. It has the characteristic that it does not change color even after a long time.



Function and style in one

Product

Semi-non-combustible stone plates applied to the interior and exterior of the home door produce plates with patented technology, and the finishing material uses LPM, which is resistant to elasticity and impact, so it cannot be easily pierced or damaged.



CGN220

CGN229

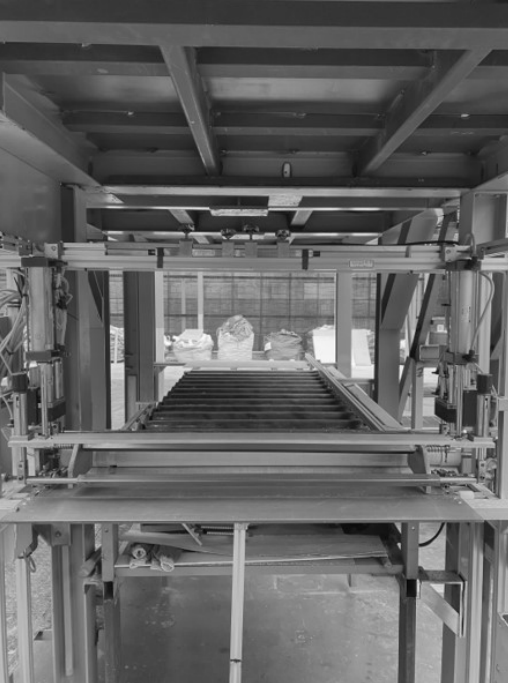
CGN223



equipment holdings

Eco-friendly semi-noncombustible

We deliver the highest quality products by sticking to our own production and environment-friendliness and repeat step-by-step verification until our customers are satisfied. We produce our products more efficiently with our equipment and technology.



Wide range of technical skills

- Sliding the board operations
- Securing bulk inventory

Expedited delivery date / Factory direct foundation / Angle processing work / Drawing work / Professional contractor join / Secondary processing product development / Construction advisory

Test Report

Certificate No : THF-2023-000850
Page 5 / 9 Pages

■ Gas Hazard test result

		Date of Test	2023. 08. 14.	
Test Items	Unit	Test result		Test Method
		No. 1	No. 2	
Average deed stopping time of Test Mouse	min:s	14:36	14:36	(1)

■ Gas Hazard Test Conditions

Heating Condition	Start heating with a sub-heat source (LPG) for 3 minutes first, heat with a main heat source (full heat) from 3 minutes, and end after 6 minutes (sub-heat source: 6 minutes, main heat source: 3 minutes)			
Burning surface (Client provided)	Separate display of Burning surface			
Testing Environment	Temperature (23 ± 2) °C, Relative Humidity (50 ± 5) % R.H.			
Test Time (min)	15			
Test Mouse	Line	ICR, Female	Age	5
			Weight	(18 ~ 22) g

■ Gas Hazard Test Specimen Conditions

Width (mm)	No. 1	218.0	No. 2	218.0
Length (mm)		218.1		218.1
Thickness (mm)		7.9		8.0
Mass (g)		354.5		354.9
Total density (kg/m ³)		1 098.1		1 097.8
Pretreatment	Temperature (23 ± 2) °C, Relative Humidity (50 ± 5) % R.H.			

■ Report on the end of animal testing

Committee approval number	IAC2023-2524
Committee approval date	2023-08-10

< Heat Release Test >



Before

After

< Gas hazard test >



Before

After

Test Report

68, Gajaeul-ro, Seo-gu, Incheon, 22829, Korea
TEL 82-43-211-6144 FAX 82-43-211-6148

Report No. : THF-2023-000850
1 / 9

- Applicant
 - Company Name : FGMERS Co.,Ltd
 - Address : 29, Bulgulsa-gil, Wachon-myeon, Gyeongsan-si, Gyeongsangbuk-do, Republic of Korea
 - Date of receipt : 20230728
- Test target product
 - Sample Name : Artificial Marble Composite Non-combustible Board
 - Applied Range : Interior Finishing Materials
 - Product No. :
- Test Standard : Ministry of Land, Infrastructure and Transport Notice No. 2023-24 'Quality recognition and management standards for building materials, etc.'
- Purpose of the report : QUALITY CONTROL
- Test period : 2023. 07. 28. ~ 2023. 08. 14.
- Test Environment : Temperature : (15~30) °C, humidity : (20~80) % R.H.
- Test Results : Suitable with test results according to Ministry of Land, Infrastructure and Transport Notice No. 2023-24 'Quality recognition and management standards for building materials, etc.' Article 24 Subparagraphs 1 and 2
 - The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You can check website (www.ktr.or.kr) or QR code to verify the authenticity of the certificate.
 - This test report shall be used only within the purpose of its defined usage and shall not be used for public relation, advertisement and lawsuit.
 - This test report is only valid when printed on KTR original report paper with hologram and when re-issued by KTR.

Confirm	Prepared by	Technical Manager
	Name : Park Sanghyo <i>Park Sanghyo</i>	Name : Lee Seong-gyu <i>Lee Seong-gyu</i>

Issue Date : 2023. 08. 14.

Korea Testing & Research Institute
President



QR Code to verify genuineness

* Test reports are valid for 3 year from the date of issuance of the report.

전자문서본은 시험결과에 대한 참고용입니다.

전자문서본(Electronic Copy)

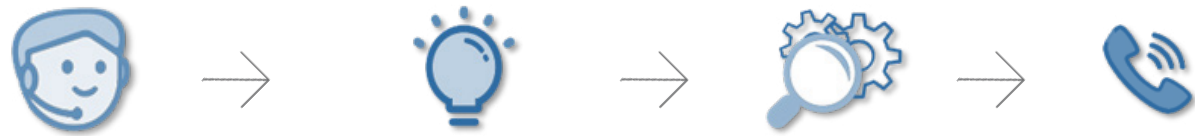
Quality Service

With passion for the highest quality Best quality interior !

As important as seeing good materials in the interior, it is the process of selecting products considering our family's life and matching and decorating the selected items in harmony. Beyond taste and design, it has a wide range of options for lifestyle and meticulous interior construction. Fomers and AenixZ will accompany you.



ONE STOP Total Service



01. HQ A/S Team

Customer requests are received at the headquarters and forwarded to local centres

02. Regional A/S Center

Completed the A/S request received from the head office

03. Customer

Rapid delivery from regional A/S centers

04. A/S Completed

Report A/S status to headquarters after completion

Certificate

