

NPOZ BOARD

Premium Eco-Friendly Pozzolan Board: Non-combustible, Non-toxic, and Water-Resistant.



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About NPOZ

Safe Homes Natural Materials Trusted Quality

NPOZ, The Eco-friendly architectural Brand that protects our family

NPOZ is a premium building materials brand founded on the values of innovation and eco-friendliness. By using Pozzolan, a natural mineral, we ensure outstanding environmental performance. NPOZ is a safe choice, thoughtfully created for the health of your family and children.

We manufacture our products directly in our own factory, allowing for thorough quality control. This ensures proven performance and reliable product quality you can trust.



Better Materials, Brighter Futures

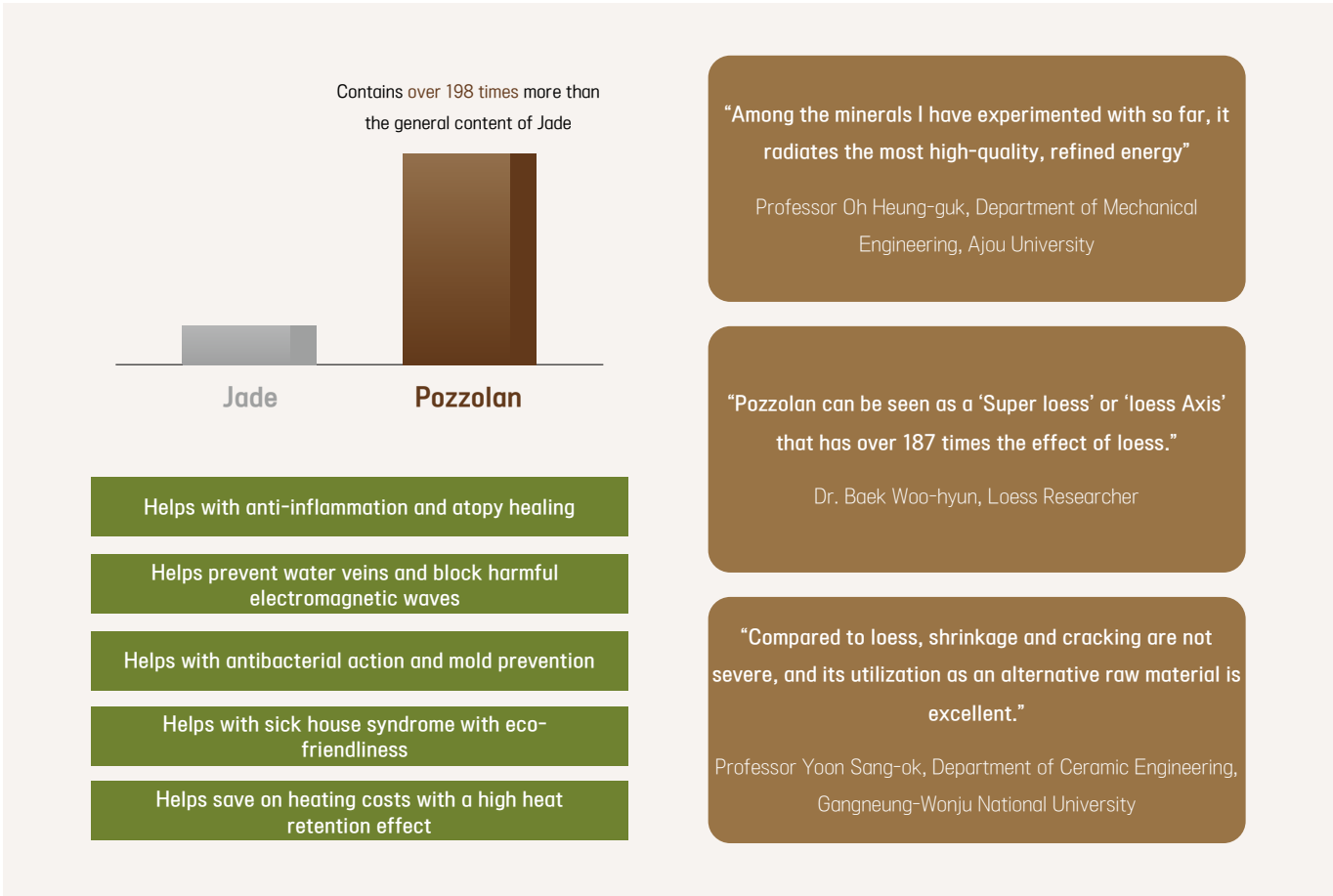
POZZOLAN?

What is pozzolan?

The primordial mineral Pozzolan,
born from the pure nature of Hoengseong,
Gangwon Province.

Pozzolan is a natural mineral ore that has been used since the Ancient Roman era, and it is a rare resource produced in only about 5 countries worldwide, including Korea.

This mineral was formed as volcanic ash, generated by volcanic activity during the Mesozoic Cretaceous period, deposited over a long time. As it contains a large quantity of rare minerals, it is widely utilized in various fields, and it is a beneficial resource for animals and plants as well as for humanity.



UNIQUE QUALITIES OF POZZOLAN

The pozzolan advantage



NPOZ Pozzolan Board

NPOZ Pozzolan Board is a high-performance board made from the eco-friendly material, Pozzolan.

Mold and fungi cannot grow, it is non-toxic and safe, and it has non-combustibility so it does not burn well. Additionally, its durability is excellent, and it maintains stability even when wet to deliver superior performance for a long time. It also has an insect-prevention effect, so it can be used comfortably over a long period.



The reason for a space that shines even as time passes-
Through the harmony of functional materials and design that contains the texture of nature, we present sustainable beauty.

Unyielding to fire, a safe wallboard.

The standard for the safety of a space, which does not allow even a small spark.

Passed MOLIT Standard

The NPOZ Wallboard prepares for any situation with its proven non-combustible performance, creating a safe residential environment. It is technology that is stronger in unseen places, and the most certain choice for protecting the safety of your space.

Non-combustible Test	Gas Toxicity Test
	

Test results (Details)

Category	Test Item		Unit	Test Results			Pass/Fail Criteria	Test Method	Test Location
				1st	2nd	3rd			
Interior Finishing Materials	Non-combustibility Test	Mass Loss Rate	%	25.0	24.1	23.8	30 or less	(1)	A
		Difference between max. temp. and final equilibrium temp.	℃	1.2	1.7	1.5	Shall not exceed 20		
	Gas Toxicity Test	Avg. incapacitation time for test mice	min:sec	min:sec	14:52	14:50	9:00 or more		

※ Non-combustibility Test: **Passed** (MOLIT Notice 2023-24, Art. 23-1)
※ Gas Toxicity Test: **Passed** (MOLIT Notice 2023-24, Art. 23-2)

NPOZ Board characteristic

· **Thick** : 8T (mm) · **Standard size** : 600 x 1200 mm, 1220 x 2440 mm

벽보드 특성 SPECIAL FEATURES



Resistant to Water

With low water absorption, it naturally releases moisture in any humid condition.



Resistant to Fire

Made from non-combustible materials, it is safe from fire.



Resistant to Temperature

Made from non-combustible materials, it is safe from fire.



High Impact Resistance

As solid as cement, it is highly resistant to impacts.



Blocks Mold & Pests

With low water absorption, it naturally releases moisture in any humid condition.



Versatile Application

It can be used as a standalone material for a wide range of applications.

벽보드 구조도 BOARD STRUCTURE

Premium Finish Layer

Realistic Texture / Delicate Touch

Thermal Adhesion Film Layer

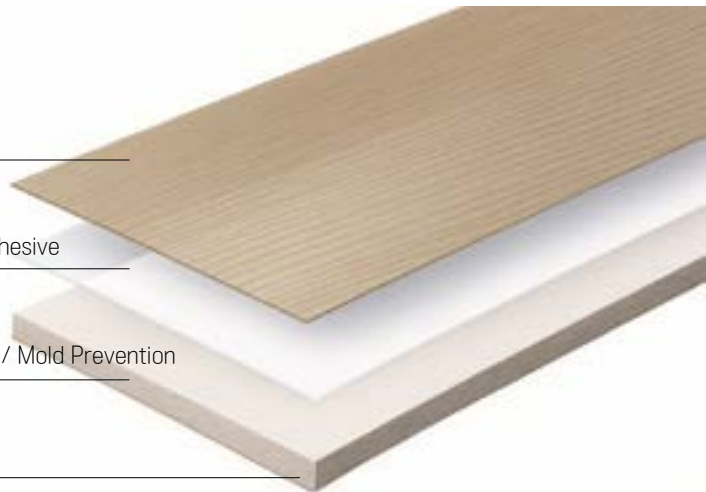
Cool-free Hot-melt Adhesive / Super-strength Adhesive

Grade-A Fireproof Board Base

Fireproofing / Soundproofing / Moisture-proofing / Mold Prevention

Polymer Moisture-proof Layer

UV Nano-coating for moisture



Structure	Function and Detailed Description by Layer
Premium Finish Layer	Function and Detailed Description by Layer
Thermal Adhesion Film Layer	Expression of realistic textures through premium patterns
Core Layer	Bonds the core layer and the finish layer
Polymer Moisture-proof Layer	Core for fireproofing, soundproofing, moisture-proofing, and mold prevention

엔포즈 포졸란 보드

NPOZ POZZOLAN BOARD



학교
School



건물
Building



병원
Hospital



커피숍
Cafes



지하철
Metro



마트
Market



주택
Residential



사무실
Office

스타투아리오 Statuario

NPOZ-8001

With a feel like specialized Italian marble, it shows a professional and classy appearance.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



마그마 블랙 Magma Black

NPOZ-8002

It is a pattern that gives a strong and grand impression like lava, and creates a luxurious atmosphere.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



*Image is for illustrative puposes only, actual product may vary.



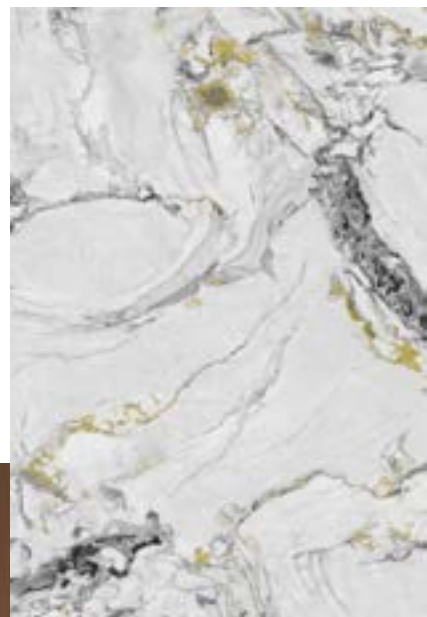
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마이다스 마블 Midas Marble

NPOZ-8003

Like 'Midas' with the golden touch, it is a luxurious pattern that symbolizes splendor and wealth.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



칼라카타 골드 Calacatta Gold

NPOZ-8004

It is a pattern that gives a luxurious, Italian marble-like feel.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



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실버 리넨 Silver Linen

NPOZ-6001

It is a pattern with a woven texture that has a subtle silver light and gives a cool and bright feeling.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



페이퍼 그레이 Paper Gray

NPOZ-6002

It is a pattern that gives the feel of fine paper and provides a minimal and clean look.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



*Image is for illustrative purposes only. Actual product may vary.



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애쉬 코튼 Ash Cotton

NPOZ-6003

It is a pattern that displays a soft and cozy quality, showing a warm and luxurious look.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm



*Image is for illustrative purposes only. Actual product may vary.

어반 그레이 Urban Gray

NPOZ-6004

It is reminiscent of modern concrete or city buildings and shows a stylish look.

600 x 1200 x 8 mm, 1220 x 2440 x 8 mm

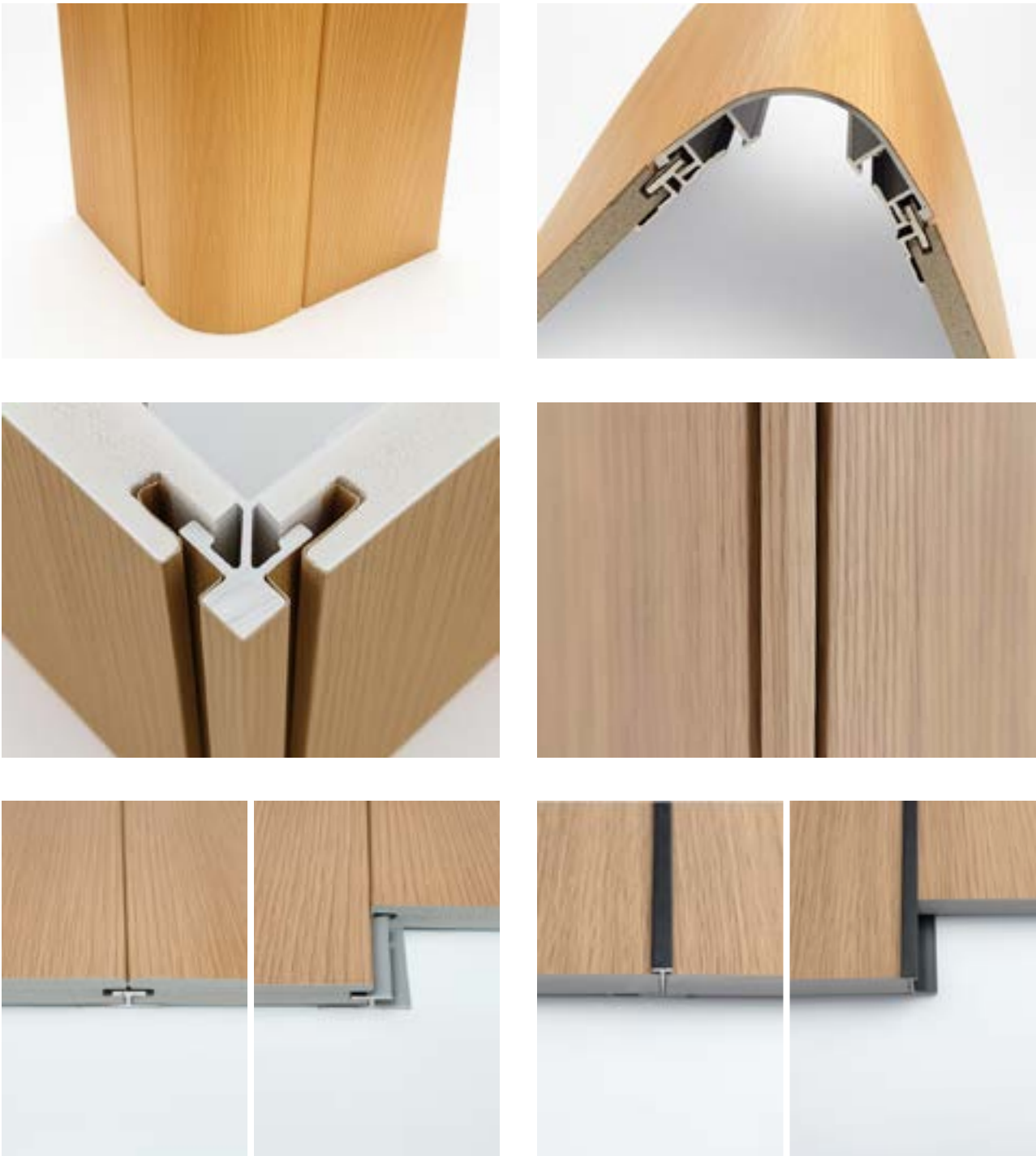


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Construction method

1.  Prepare the product. Check the product's condition before installation.	2.  Before installation, inspect the levelness and the installation environment.
3.  Evenly apply the specialized bond to the place of installation.	4.  Adhere and combine the wallboard and the wall
5.  After finishing the combination, wait for a sufficient drying time.	6.  Remove the protective film within 10 days after installation.

Introduce board's molding



Introduce board's molding



Certificate



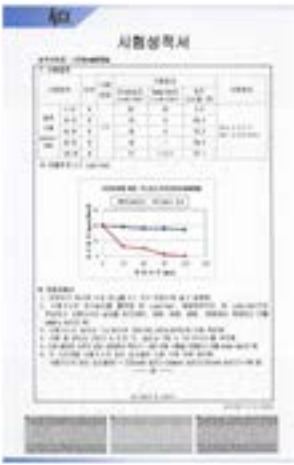
Non-combustibility Test



Far-Infrared Radiation



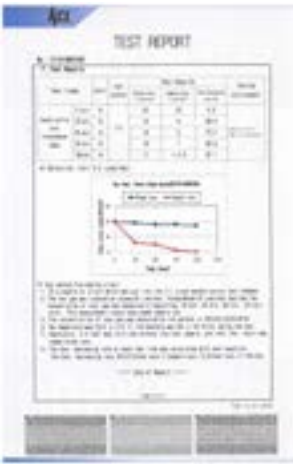
Antibacterial Test



Hazard Reduction Test 1



Hazard Reduction Test 2



Hazard Reduction Test 3



NPOZ, The
Eco-friendly
architectural Brand
that protects our
family

Punghan Industry co., ltd.

www.npoz.co.kr



CONTACT