

## New Product Information

### Ceramic Wall Panel - Antibacterial Photocatalyst Lineup

Announcing the market release of **"Supertry Wall antibacterial photocatalyst series"** for ceramic wall panel.

We have added an antibacterial photocatalyst series to our product lineup for ceramic wall panel "Supertry Wall." We would like to provide you with the following information.

#### Product lineup

Ceramic Wall Panel "Supertry Wall" for interior use

Designs : Plain, Wide Border

Colors : White, Beige, Brown, Black, Minamo (Brown), Sora (Light, Dark)

Construction images



White



Sora Dark

#### Background of development

What is a photocatalyst?

A photocatalyst is a material that expresses the functions of decomposition of harmful substances and self-cleaning through its redox action and super-hydrophilic properties, which are exerted by absorbing light, and it is currently applied in various fields.

However, conventional photocatalysts function mainly through ultraviolet rays, so they cannot be effective indoors where sunlight is blocked.

For this reason, the use of photocatalysts in building materials was primarily limited to exterior materials.

So the development of a photocatalyst that functions in interior lighting has expanded its application to interior materials.

By applying this technology, we have succeeded in adding antibacterial and antiviral properties to ceramic wall panel "Supertry Wall."

As a result, ceramic wall panel "Supertry Wall" has evolved as a product featuring not only fine creativity (design) but also high-level functionality as an interior material.

As the first step, a product using an antibacterial photocatalyst, which is effective in indoor lighting, is being released in advance.

This makes it possible to utilize the deodorizing and antibacterial effects of the photocatalyst in interior materials as well.

We will also be releasing an "antiviral" product at a later date.

Please refer to the attached document for detailed information regarding this product.

#### Release date

Around May 11, 2020 (30 days after receiving an order)

#### Contact information

E-mail : [info@try110.com](mailto:info@try110.com)

# Ceramic Wall Panel "Supertry Wall"

## Antibacterial Photocatalyst Series

Interior use

### Main features

High antibacterial properties

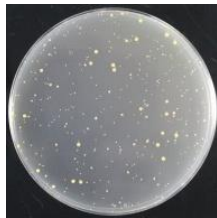
Antibacterial night and day

Deodorization

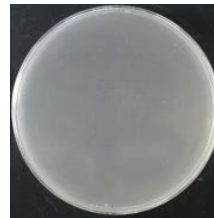
Visible light-compatible / Antibacterial photocatalytic performance confirmed by JIS RI752 test method.

Improves antibacterial activity by illuminating interior lights.

Antibacterial activity continues even in the dark due to the action of silver ions contained in the photocatalyst.



Staphylococcus aureus



After 8 hours of interior lighting

Antibacterial effects	Escherichia coli (E. coli)	Antibacterial activity level 4.4
	Staphylococcus aureus	Antibacterial activity level 4.3

Certification value of PIAJ → Antibacterial activity level 2.0 or higher

※ PIAJ (Photocatalysis Industry Association of Japan)

### Applying for certification with the PIAJ

By reducing bacteria that cause odors, the deodorizing effect is fully maintained!

The photocatalyst we use (manufactured by Shin-Etsu Chemical Co., Ltd.) has been adopted as a deodorizing measure in restrooms at major railway stations, and its effectiveness has been confirmed.

### Construction images



Interior



Restroom



Washroom



Smoking room

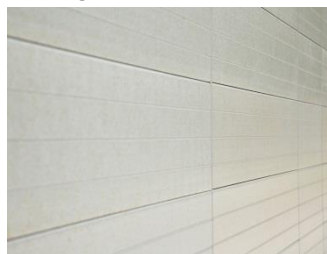
### Lineup

"Supertry Wall" for interior use

Design: Plain



Design: Wide Border



Basic colors



Sora & Minamo series

