

kikusui

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JIS K 5663 1種 (艶消し)

防火材料認定品

不燃材料 NM-8585

準不燃材料 QM-9816

難燃材料 RM-9364

内装環境配慮型多機能水系アクリル樹脂塗料

Interior environmentally friendly multi-functional water-based acrylic resin paint

# 水系ファインコートエコ

Water-based Fine Coat Eco

美観と健康を守り、安心できる生活空間を

Protecting aesthetics and health, creating a safe and secure living space

抗菌

Antibacterial

抗ウイルス

Antiviral

超低  
VOC

低臭

Low odor

汚染  
除去性

Pollutant removal capability

防藻  
防カビ性

Algae prevention  
mold resistance

# 水系ファインコートエコは、

壁についたウイルス・菌類の繁殖を抑えられ、

超低VOCで安全なため、

子供部屋・病院等におすすめです。

Water-based Fine Coat Eco can suppress the growth of viruses and fungi on walls, making it recommended for use in children's rooms, hospitals, and other places. It is also safe due to its ultra-low VOC.



## 特長

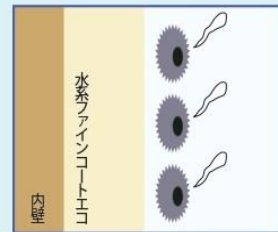
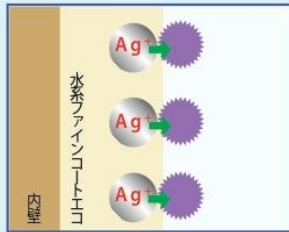
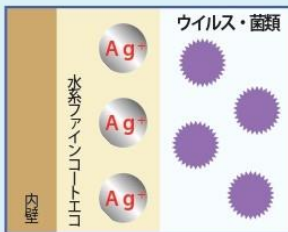
水性Fine Coat Eco可以抑制牆壁上病毒和真菌的繁殖・非常適合在兒童房、醫院等地使用。同時・它具有超低揮發性有機物 (VOC)・非常安全。

### ①抗ウイルス・抗菌

Water-based Fine Coat Eco contains a special silver-based antibacterial agent (Ag+). It inhibits the action of enzymes against bacteria and acts on the envelope of viruses to suppress the activity and growth of viruses and fungi.

水性Fine Coat Eco含有特殊的銀基抗菌劑 (Ag+)。它可以抑制細菌的酵素活性・對病毒則通過作用於其包膜・從而抑制病毒和真菌的活性和繁殖。

#### Mechanism of antiviral and antibacterial action by silver ions 銀離子對病毒和細菌的抗作用機制



When airborne viruses and fungi come into contact with the coated surface, the silver ions exert their antimicrobial effects. 當空氣中的病毒和真菌接觸到被塗膜覆蓋的表面時・銀離子發揮其抗微生物效果。

Through the action of silver ions, viruses and fungi are deactivated. 透過銀離子的作用・病毒和真菌被失活。

#### 抗ウイルス試験

Water-based Fine Coat Eco, in a test using type A influenza virus with an envelope conducted by a third-party organization, demonstrated a 99.9% reduction in the virus. General interior coating, Water-based Fine Coat Eco.

水系Water-based Fine Coat Eco是一種一般室內塗料・在第三方機構進行的使用帶有包膜的A型流感病毒進行的抗病毒試驗中・證實病毒減少了99.9%。

#### 抗ウイルス試験結果



#### 抗菌試験

Water-based Fine Coat Eco demonstrated sufficient antibacterial efficacy against Escherichia coli and Staphylococcus aureus in compliance with JIS Z2801 (film contact method) testing. 水系Water-based Fine Coat Eco 在符合JIS Z2801 (膜接觸法) 的測試中・對大腸菌和金黄色葡萄球菌表現出足夠的抗菌能力。



#### ●大腸菌の試験結果写真



汎用エマルジョンペイント  
General-purpose emulsion paint



水系ファインコートエコ  
Waterborne Fine Coat ECO

※1…24時間で菌数を対数で減少する効力があることを示し、数値が大きいほど抗菌力が強い。(JIS規格は抗菌活性値 $\geq 2.0$ )

This demonstrates the effectiveness of reducing bacterial count logarithmically within 24 hours, with higher values indicating stronger antibacterial properties. (According to JIS standards, the antibacterial activity value should be equal to or greater than 2.0.)

## ② 超低VOC

This water-based paint is considered safe as it has ultra-low VOC (volatile organic compounds) levels, with a total VOC content of 0.01% or less.

这款水性涂料是安全的，因为它具有超低的挥发性有机化合物（VOC）含量，总挥发性有机化合物含量低于0.01%。

## ③ 低臭

Due to the extremely low levels of volatile organic compounds (VOC), there is no unpleasant odor even after painting, allowing you to live comfortably.

由於揮發性有機化合物(VOC)含量極低，即使在塗裝後，也沒有令人討厭氣味，您可以繼續正常生活。

## ④ 污染除去性

With its special acrylic emulsion, this product facilitates easy removal of adhered dirt and provides excellent stain removal capabilities.

由於特殊的丙烯酸乳液，該產品可以輕鬆擦拭附着的污垢，具有出色的污染去除能力。

### Pollution removal test 污染除去試驗

Wiping off Photo  
(with gloss)  
擦拭照片  
(有光澤)



General purpose emulsion paint



Water-based Fine Coat Eco

#### Testing Procedure

Immediately after applying the fluorescent pen, it was promptly wiped off using a neutral detergent.

#### 測試內容

在使用螢光筆劃後，立即使用中性的洗滌劑擦拭並清除。

\*As time passes, the dirt becomes more difficult to remove, so please promptly wipe it off.

\*隨著時間的推移，污垢會變得更難清除，請儘快擦拭乾淨。

## ⑤ 防藻・防カビ性

This product has anti-algae and anti-mold properties that help maintain its appearance and prevent negative impacts on health.

該產品具有防藻和防霉的特性，可以幫助保持外觀美觀，並抑制對健康的不良影響。

Water-based Fine Coat Eco (Glossy)  
Compliant with JIS K 5660 Glossy Synthetic Resin Emulsion Paint.

Test Item	Standard	Result
Condition inside the container	There should be no hard lumps and it should be uniform.	Passed
Painting workability	There should be no hindrance.	Passed
Appearance of the coating film	The coating film should be normal	Passed
Low-temperature stability	The coating film should be normal.	Passed
Drying time	Normal temperature condition: Surface drying should occur within 2 hours. Low temperature condition: Surface drying should occur within 4 hours	Passed Passed
Hiding power& [White and light colors]	95 or higher	97
Mirror glossiness (60 degrees)	70 or higher	83
Water resistance	There should be no abnormalities.	Passed
Alkali resistance	There should be no abnormalities	Passed
Cleanability	It should withstand cleaning	Passed
Resistance to wet-dry cyclic test	It should withstand wet-dry cyclic test.	Passed
Accelerated weathering resistance	Gloss retention rate should be 60% or higher, chalkiness level should be 1 or 0, and there should be no significant different in color change compared to the reference sample	Passed
Outdoor exposure weather resistance	Chalkiness level should be 2, 1 or 0, there should be no cracks, peeling, swelling or holes, and there should be no significant different in color and gloss change compared to the reference sample	Passed

Water-based Fine Coat Eco (Matte)  
Compliant with JIS K 5663 Synthetic Resin Emulsion Paint and Sealer Type 1.

Test Item	Standard	Result
Condition in side the Container	When stirred, there should be no hard lumps and it should be uniform.	Passed
Painting workability	There should be no hindrance in the painting process with two coats.	Passed
Appearance of the coating film	The coating film should have a normal appearance.	Passed
Low-temperature stability (-5°C)	It should not deteriorate.	Passed
Drying time	Standard condition: Surface drying should occur within 2 hours. 5°C: Surface drying should occur within 4 hours.	Passed Passed
Hiding power% [White and light colors]	93 or higher	97
Water resistance	There should be no abnormalities after immersing for 96 hours.	Passed
Alkali resistance	There should be no abnormalities after immersing for 48 hours.	Passed
Cleanability	It should withstand 500 cleaning cycles.	Passed
Accelerated weather resistance	There should be no abnormalities.	Passed
Outdoor exposure weather resistance	In a 12-month test, there should be no swelling, peeling, or cracking, and the degree of color change and chalkiness should not be significantly greater than the reference sample.	Passed



## Standard Application Specifications

Process	Material Formulation	Application tools/conditions	Number of coats	Interval time (23°C)	Required amount (coating amount)
Substrate adjustment	Remove dust, unhardened cement powder, dust, Grease, and other contaminants with a wire brush, rag, sandpaper waste, etc., and leave the surface dry and clean.				
Undercoat	Kikusui Primer Super WE Main material: 16kg Fresh water: 3-8L	Airless spray Wool roller Brush	1	3 or more	80-160m <sup>2</sup> /16kg 0.1-0.2kg/m <sup>2</sup> (0.08-0.10kg/m <sup>2</sup> )
Overcoat	Kikusui Water-based Fine Coat Eco Main material: 16kg Fresh water: 0.8-1.6L	Wool roller	2	5 or more	45-64m <sup>2</sup> /16kg 0.25-0.36kg/m <sup>2</sup> (0.15-0.20kg/m <sup>2</sup> )

Note: • Construction tools and conditions are typical.

The values of interval time and required volume are standard. The values may vary slightly depending on the application method, equipment, shape of the object to be coated, condition of the substrate, and application conditions.

Please confirm the required amount by comparing with the paint sample or by using the amount per unit area.

When applying to interior restricted areas, apply less than the amount of coating.

KIKUSUI PRIMER SUPER WE is not an ultra-low VOC primer.

注：- 施工工具和條件為典型值。

間隔時間和所需數量為標準值。

根據噴塗方法和設備、待噴塗物體的形狀、基材狀況和安裝條件，數值可能會略有不同。

所需用量應通過與塗料樣本的比較或單位面積的用量來確定。

在室內裝飾受到限制的區域塗刷時，塗刷量應少於所需用量。

菊水超級底漆不是超低 VOC 底漆。

### Application

Interior walls and ceiling surfaces of houses, condominiums, hospitals, stores, offices, and other general buildings Interior walls and ceiling surfaces

### Applicable Substrates

Gypsum board, calcium silicate board, ALC board, mortar, fair-faced concrete surface, etc. \*Preparation treatment is required depending on the type of substrate material.

### Cleaning Up

Clean all equipment with clean water immediately after use.



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