

Pearl Shell paint

Functional bio paint processed with natural pearl shell



Usage

Internal finishing material

Classified as a dedicated product

How to use

1. Flattening after removing moisture or contaminants from the surface
2. After sufficiently stirring, use roller, brush, spray, etc.
3. Drying time (20°C) 2 hours, repainting: 3 hours, complete drying: 12 hours
 ※ Depending on the purpose of use/tool, it can be used by adding 5 to 10% water.

Mixing ratio

Powder: water 1 : 1.3

Painting area

6~9m²/L (2 times)

Surface condition

Ivory (basic) / color matching

◇ Product Features

1. Natural paints made only from natural materials
2. Prevention of New House Syndrome
Toluene, formaldehyde, TVOCs not detected and reduced
3. Excellent adsorption of harmful substances
4. Excellent prevention of condensation
5. Human-friendly product
Radiation of more than 90% of far-infrared rays
6. **Excellent antibacterial and antiviral**
Antiviral 99.999% (within 2 hours)
Can be colored with commercially available water-based paints
7. Easy toning
8. **Semi-incombustible materials and products** As the main raw material for shells, it is resistant to fire.
No air pollution, harmless to work environment and human body, no risk of fire
9. **No organic solvent**
10. Extremely low odor
Daily life possible immediately after construction
11. US FDA OTC Registered product
US.FDA NDC (OTC.DRUG) 81768-0001-1

Product	Functional product line		Premium product line		
	AI-kungang (Powder)	AI-kungang (liquid)	AI-kungang (School-only)	AI-kungang (Hospital-only)	AI-kungang (veranda-only)
Image					
Recommended space	Indoor painting area	Indoor painting area	School/Daycare/Kindergarten, etc.	Hospital/nursing hospital/Medical facilities, etc.	Gallery/basement/veranda, etc.
Hazardous Substances	TVOCs 0.039mg/m ³ ·h, No formaldehyde/toluene detected, no heavy metals detected				
Deodorant	90% ↑				
Fire fighting	Semi-nonflammable				
Antibacterial	> 99%	> 99%	> 99.9%	> 99.99%	> 99.9%
Antiviral	-	99.999%	99.999%	99.999%	-
Far infrared	90.2%	90.2%	90.3%	90.4%	-
Radon reduction	-	-	40% ↑	-	-
Moisture absorption& desorption	20g/m ²	20g/m ²	20g/m ²	20g/m ²	70g/m ²
Remark	Putty can be used				
certification	World Atopy Association certification US FDA Stability Test 21-1352 US FDA OTC registration 81768-0001-1				

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※ Certification

FDA

US FDA OTC product

US FDA NDC(OTC DRUG) 81768-0001-1

US FDA Stability Test Checked 21-1352



World Atopy Association certification



[FDA OTC DRUG Certificate]



[FDA stability test certificate]



※ Test report



[TVOCs, formaldehyde emission]



[Anti-Mold Test Report]



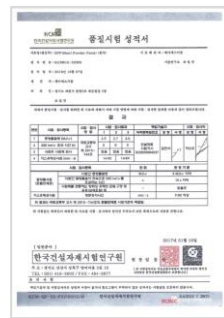
[Antibacterial report]



[Antiviral report]



[Absorption and moisture absorption report]



[Semi-incombustible report]



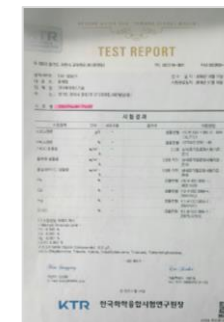
[Seizure Report]



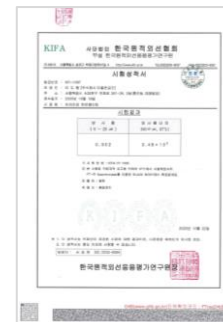
[Deodorant report]



[Radon reduction]



[No heavy metal detection]



[Far-infrared ray report]



[Patent Certificate]

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Construction Case : Underground room construction



HCHO, TVOCs Measure			
	Before	After	
			1 Day after
division	Before (ppm)	After (ppm)	Reduction rate
HCHO	4.08	0.00	100%
TVOCs	9.21	1.16	87.4%

Construction Case : School class room



HCHO, TVOCs Measure			
	Before	After	
			2 hours after
구분	Before (ppm)	After (ppm)	Reduction rate
HCHO	0.16	0.00	100%
TVOCs	6.25	3.20	48.8%