

ANTI-BACTERIAL

FUNCTIONAL CONSTRUCTION MATERIAL



DK DKDONGSHIN

Anti-Bacterial

ANTI-BACTERIAL FOR CONSTRUCTION MATERIAL

ABOUT

Anti-Bacterial

Antibacterial product uses coatings with anions and silver nanoparticles for long-lasting sterilization.

Excluding chromium, it is safe for the human body and has excellent corrosion resistance. Demand for these products in interior materials has grown.

APPLICATION



Interior design material

CERTIFICATION INFO



Certification of Germany's top biotechnology institution

PRODUCT OF CHARACTERISTIC



Use a special antibacterial paint containing silver nanoparticles, Semi-permanent sterilization



Excellent corrosion resistance compared to chromium post-treatment



Except for chrome, it is harmless to the human (RoHS certification)

ANTI-MICROBIAL FUNCTION TEST

*Eliminates and prevents 99% of E. coli and Staphylococcus aureus.



ATCC 6538 Escherichia coli
General Anti-bacterial



Staphylococcus aureus
General Anti-bacterial

PRODUCT PROPERTY

Property	Measurement	Test Standards
MEK Resistance	Gauze, Repeation	40 times ↑
Bending(Adhesion)	T-bend, Taping	2T 3 point / 3T 4 point
Pencil Hardness	Mitsubishi Pencil	HB to 3H
Erichsen	100mm X 100mm X cross cut X 6mm	No Peeling
Impact	1/2" x 50cm x 1kg	No Crack
Corrosion resistance	35°C, 5% NaCl	No mark
Chemical resistance	5% HCl / 5% NaOH	No Blister(Spot 24hrs)

* The above criteria may vary depending on the application, material, color, and gloss, requiring prior consultation

SEOUL OFFICE

10F, 46, Dadong-gil, Jung-gu,
Seoul, Korea
Tel : 82-2-3475-1893 Fax : 82-2-549-8340

HEAD OFFICE & FACTORY

154, Daesong-ro, Nam-gu, Pohang-si,
Gyeongsangbuk-do, Korea
Tel : 82-54-280-0211 Fax : 82-54-286-0176