

DS-110

Anti-bacteria Coating

DS-110 Anti-Bacteria Coating is formulated with a modified polyester resin. The Coating is designed with special inorganic anti-microbials with kill staphylococcus aureus in a short time; therefore provides the antimicrobial property.

Product Characteristics

1. Excellent antibacterial properties (MRSA, E. Coli, pseudomonas, hay bacillus)
2. Various colors

Use

1. Hospitals, interior materials of restaurants
2. Grain storage facilities

Painting System

Material Type	Painting Composition	Product Title	Coating Thickness	Hardening Temperature
G.I, Galvalume etc	Primer	DP-600	5 μ m	204 $^{\circ}$ C
	Top coating	DS-110	15~20 μ m	224 $^{\circ}$ C

※ Backer : DB-890 Epoxy backer applied

Physical properties

Specification	Test method	Result	
ASTM D523	60° gloss	10~35	Gardner 60° meter or equivalent
ASTM D3363	Pencil hardness	F~H	No break in the film (Mitsubishi uni pencil)
ASTM D4145	T-bend	2T	No pick off with scotch #610 tape
ASTM D2794	Impact (1/2in×50cm×1kg)	Good	No pick off with scotch #610 tape
ASTM D5402-93	Solvent resistance	50 cycle	MEK double rub

* All data is based on lab test results and experience of NCC but, it could be changed without notice because of continuous development about quality by NCC.