

## DS-710 Self-Cleaning Coating

DS-710 Self Cleaning Coat based on a modified polyester resin provides outstanding weather resistance. It has the special property of minimizing water contact angles, and it makes the rain drops disperse, washing down pollutants.

### Product Characteristics

1. Self-cleaning effect by rain
2. Eco-friendly product
3. Stable workability
4. Outstanding stain resistance
5. Excellent weather ability

### Use

1. Normal construction interior and exterior materials (roofing, walls)

### Painting System

Material Type	Painting Composition	Product Title	Coating Thickness	Hardening Temperature
G.I, Galvalume etc	Primer	DP-600	5 $\mu$ m	204 $^{\circ}$ C
	Top coating	DS-710	15~20 $\mu$ m	224 $^{\circ}$ C

※ Backer : DB-890 Epoxy backer applied

### Physical properties

Specification	Test method	Result	
ASTM D523	60 $^{\circ}$ gloss	10~85	Gardner 60 $^{\circ}$ meter or equivalent
ASTM D3363	Pencil hardness	F~2H	No break in the film (Mitsubishi uni pencil)
ASTM D4145	T-bend	2T~3T	No pick off with scotch #610 tape
ASTM D2794	Impact (1/2in $\times$ 50cm $\times$ 1kg)	Good	No pick off with scotch #610 tape
ASTM D5402-93	Solvent resistance	50 cycle	MEK double rub