

DT-140

Stain Resistance Polyester

DT-140 Stain Resistance Polyester is formulated with an advanced polyester resin, melamine resins and special additives. The product has excellent resistance to weather, stains and dirt pick-up. It has excellent acid resistance and weather ability.

Product Characteristics

1. For exterior materials without severe forming
2. Outstanding surface hardness
3. Excellent stain resistance, anti-corrosiveness and weather ability.
4. Various color and gloss

Use

1. Construction material (external cladding)
2. Roofing

Painting System

Material Type	Painting Composition	Product Title	Coating Thickness	Hardening Temperature
G.I, Galvalume etc	Primer	DP-600 DP-610	5 μ m	204 $^{\circ}$ C
	Top coating	DT-140	15~20 μ m	224 $^{\circ}$ C

※ Backer : DB-890 Epoxy backer applied

Physical properties

Specification	Test method	Result	
ASTM D523	60 $^{\circ}$ gloss	10~40	Gardner 60 $^{\circ}$ meter or equivalent
ASTM D3363	Pencil hardness	H~2H	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 \times 50cm \times 1kg)	Good	No pick off with scotch #610 tape
ASTM D5402-93	Solvent resistance	50 cycle	MEK double rub
ASTM G155	내후성 500hrs	Good	No objectionable chalking per ASTM D-4214
ASTM D2247	Humidity resistance 500hrs at 100 $^{\circ}$ F 95% humidity	Good	Less than 5% No.8 size blisters
ASTM B117	Salt spray test 500hrs 5% NaCl solution	Good	Less than 5% No.6 size

* 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.