



Classification:

Alutop coated aluminum coil is divided into two kinds: one is for internal wall (PE coated) ; the other is for external wall (PIDF coated, including two coats and three coats).

Features:

1. Adopting no-chrome formation introduced from American General Company (GE) and precision rolling coating technology, ensure excellent adhesive, without coating omission.
2. Various colors for your choice
3. Infrared heating technology protect environment from pollution.
4. Four-roll coating line, uniform coating thickness and good features.

Raw Material:

1. Raw aluminum sheet roll, Alcan Industrial Supplier
2. Surface paint: PPG or Becker Industrial Coating

Application: It can be used for aluminum composite panel.

Parameters of PVDF Coating

External panel is coated with PVDF (KYNAR500 PVDF>70%), its feature see below :

Item	Result	Test standard
Coating thickness	≥ 25 μm	ISO 2360
Pencil Hardness	≥ 1H	ASTM D3363
Color Retention	Aging resistance test 4000 hours, maximum 5 units	ASTM D2244
Gloss Retention	Aging resistance test 4000 hours, 90%	ASTM D2244
Chalk resistance	Aging resistance test 4000 hours, maximum 8 units	ASTM D659
Flexibility(T shape bending)	1T, no crack	ASTM D4145
Adhesive	1mm×1mm , No peeled off	ASTM D3359
Impact resistance	No crack, no dropout	ASTM D2794
Friction resistance	64.6 L/mil	ASTM D968
Salt spray resistance	3000 hours no change(5%NaCl,35°C)	ASTM D117
Humidity resistance	3000 hours no change(100RH35°C)	ASTM D714
Mortar Resistance	No change	ASTM D605
Acid-resistance and alkali-resistance	No change	ASTM D1308
Solvent resistance	No change MEK 100times	ASTM D2248

Specification:

1. Coil Width: 1270-1570mm, coil thickness: 0.30-0.50mm (±0.02mm)
2. External diameter ≤ 1200mm
3. Internal diameter: 405mm, 505mm
4. Coil weight ≤ 3000kg