

Hot-melt Fluorocarbon Coating

Formulated with PVDF resin as the primary film-forming agent, this coating is applied via spraying or rolling and then baked. It boasts superior weather resistance, heat resistance, and excellent workability, delivering a vibrant color and a rich, full finish.

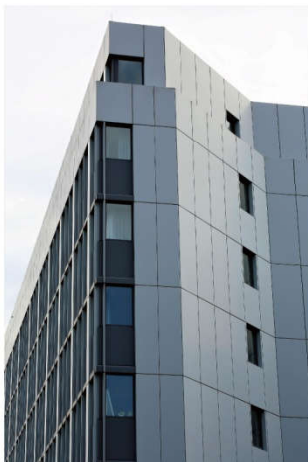
Applications



Aluminum Profiles

- UV resistant
- Anti-corrosion
- Self-cleaning
- Scratch and wear resistant
- Full-bodied texture
- Anti-weathering
- Long-lasting

Building Exterior



- Weather resistance
- Heat insulation
- Acid & alkali resistance
- Chemical resistance
- Self-cleaning (lotus effect)

Hot-melt Fluorocarbon Coating

■ Properties

- High-efficiency hydrophobicity
- Free from chalking or cracking
- Possesses outstanding wear resistance and impact resistance
- Easy to recoat or repair

■ Technical specifications

Item	Unit	Specification
Impact resistance	kg·cm	50cm front and back impact Passed
Salt spray resistance	h	4000h test passed
Artificial weathering resistance	h	4000h test passed
Humidity & heat resistance	h	4000h test passed
Nitric acid resistance (Nitric acid mass ratio 65%~68%, 30min)	h	30min test passed
Abrasion resistance	L/μm	≥2.8
Solvent rub resistance (MEK)	Times	≥200
Hydrochloric acid resistance (10% HCl, 15min)	-	No change
Typical dry film thickness (Recommended 3 coats)	μm	60
Theoretical coverage (Based on 80μm DFT)	m ² /kg	3~5

■ Founded in 1965 with three Class A production bases



Headquarters



Zhuxi Chemical Park



Sichuan

■ Certifications

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
IATF 16949:2016
EcoVadis Bronze



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