



IRIDIUM COLOR PPF / WET APPLY

TECHNICAL DATA

Premium color paint protection film for controlled installation, expressive finishes and dependable daily protection.

8 MIL
FILM THICKNESS

5 YEAR
LIMITED WARRANTY

WET APPLY
APPLICATION

CAST TPU
FILM TYPE

01 CORE TECHNICAL SPECIFICATIONS

Product Name	IRIDIUM COLOR PPF (Wet Apply)
Film Type	Cast TPU
Film Thickness	8.0 mil (203 µm)
Adhesive Type	Pressure Sensitive Adhesive (PSA)
Adhesive Technology	Advanced Low Initial Tack
Adhesive Thickness	1.5 mil (38 µm)
Available Finishes	Gloss / Matte / Satin
Roll Format	60 in (1524 mm) × 50 ft (15.24 m)
Warranty	5 Years

02 MATERIAL & SURFACE PROFILE

Layered color protection system

Self-healing coating · Clear TPU substrate · TPU base color layer · TPU color layer · PSA installation adhesive · Release liner
SELF-HEALING · STAIN RESISTANT · HIGH GLOSS · UV PROTECTION

04 APPLICATION

Method	Wet Apply
Recommended Solution	PPF Installation Solution
Squeegee	Soft Squeegee
Ideal Environment	68°F–77°F (20°C–25°C), indoor and dust-free
Preparation	Thorough wash and decontamination

05 OPERATING PARAMETERS

Service Temperature	–40°F to 302°F (–40°C to 150°C)
Storage Temperature	41°F to 95°F (5°C to 35°C)
UV Resistance	Excellent
Chemical Resistance	Excellent
Hydrophobic	Yes
Self-Healing	Yes (Heat Activated)

03 PERFORMANCE DATA

TEST	RESULT	METHOD
Gloss (60°)	> 90 GU	ASTM D523
Haze	< 2.0%	ASTM D1003
Self-Healing (Heat)	Excellent	Internal
Yellowing Resistance	Excellent	QUV 1000H
Stain Resistance	Excellent	Internal
Hydrophobic Angle	> 100°	ASTM D7334

TEST	RESULT	METHOD
Tensile Strength	> 28 MPa	ASTM D882
Elongation at Break	> 300%	ASTM D882
Adhesion (Initial)	Low Tack	Internal
Adhesion (After 20 min)	Excellent	Internal
Adhesion (24H)	> 18 N/25mm	ASTM D3330
Chemical Resistance	No Effect	Internal

06 WARRANTY & QUALITY

5-Year Limited Warranty

Coverage against yellowing, cracking, peeling, delamination and staining under normal use and maintenance.

QUALITY REFERENCES REACH · RoHS · ISO 9001

Confirm final color, finish, material suitability and installation requirements with an official physical sample before purchase or installation.