



Fusion® Pro

Excellent sol-gel 'ceramic' non-stick coating

Consumer Cookware

Sol-gel | Spray

MADE WITHOUT PFAS

Long-lasting, non-PFAS*, non-stick release

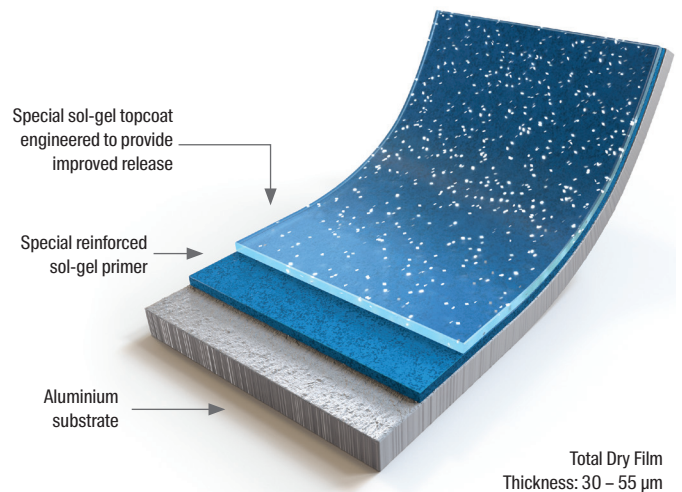


A PTFE alternative, two-coat system offering excellent release and performance

PPG FUSION® Pro next-generation sol-gel technology offers enhanced performance versus other Fusion coatings. The high-gloss coating withstands more than 50,000 cycles of wet abrasion testing – more than double comparable coatings – and features a specifically formulated primer and topcoat designed for long life and lasting non-stick release, available in a broad range of colors.

A global partner with local presence

With over 135 years of innovation, PPG protects and enhances more surfaces in more ways than any other company. Our global expertise ensures eye-catching color, a range of durability options and formulations that meet the strict food-contact compliance your region demands, while our local presence provides the expert service and resources you need. in a broad range of colors.



Excellent durability

Hard, durable non-stick surface lasts more than twice as long as comparable sol-gel coatings



Customer benefits

Beautiful, 'ceramic'-like appearance
Dishwasher safe
Oven safe up to 288° C or 550° F



Food-contact compliance

*Specially formulated without PFAS as an intentionally added ingredient
Engineered to comply with food contact regulations in major markets



PPG Fusion® Pro

Product characteristics

Chemistry	Sol-gel
Color	Available in a variety of colors, including spatter
Continuous Use Temperature	288°C / 550°F
Cure Temperature	280 - 300°C / 536 - 572°F
Substrates	Rolled, forged, cast and hard anodized aluminum; stainless steel

Product Series Codes

80-288 Primer
80-289 Topcoat

Performance Properties

Dry Film Thickness (TM 114A)	30 - 55 µm
Accelerated Dishwashing Simulation Test (TM 198C)	> 20 cycles
Thermal Shock Test (TM 198B)	> 15 cycles
Wet Reciprocating Abrasion Test (TM 135G)	50,000 cycles
Non-stick Durability Test (TM 165P)	50 cycles after 1,000 abrasion strokes with 1.5 kg load
Tomato Test (TM 165M)	Pass, no blistering or loss of adhesion
Saltwater Test (TM 165C)	Pass, no blistering or loss of adhesion

Relative Coating Performance

Best: High Performance	ETERNA®
	ECLIPSE®
	FUSION® PRO
Better: Balanced	QUANTANIUM®
	FUSION® HR
Good: Economical	FUSION®
	XYLAN® PLUS
	SKANDIA® XTREME

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