



# Fusion<sup>®</sup> Pro

Excellent non-stick sol-gel 'ceramic' coating

Consumer Cookware

Sol Gel | Spray

## Long-lasting non-stick release

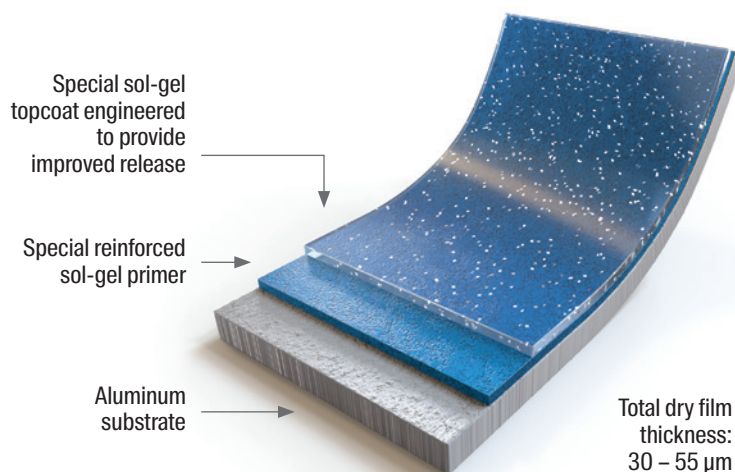


### A PTFE alternative, two-coat system offering excellent release and performance

PPG FUSION<sup>®</sup> 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.



#### 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

Waterborne system specifically formulated without any PFAS substances and engineered to comply with food contact regulations in major markets



## 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

### Performance Properties

Dry Film Thickness (WTM 114A)	30 – 55 µm
Wet Reciprocating Abrasion Test (WTM 135G)	50,000 cycles
Dishwashing Test	> 20 cycles
Thermal Shock Test	> 15 cycles
Stain Resistance Test	< 15 ΔE
Burnt Milk Release (after Leeching at pH12)	> 20 cycles
Burnt Milk Release (after Heating to 300° C / 572° F)	> 15 cycles
Non-stick Durability Test (Egg Release after Abrasion)	50 cycles after 1,000 abrasion strokes with 1.5 kg load
STIWA LGA Test (TM138L)	< 2.5 score, good
Tomato Test (TM16M)	Pass, no blistering or loss of adhesion
Saltwater Test	Pass, no blistering or loss of adhesion

### Product Series Codes

80-288 Primer
80-289 Topcoat

### Relative Coating Performance

Best: High Performance	<b>FUSION® PRO</b>
Better: Balanced	FUSION® HR
Good: Economical	FUSION®

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