

Durable non-stock coatings for moderate-level bakeware

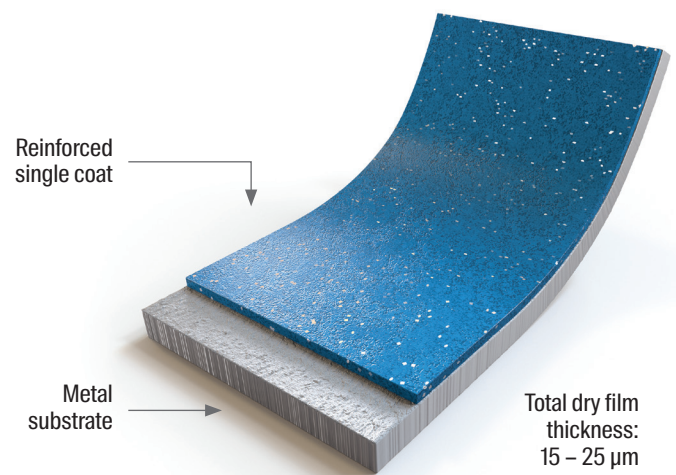


A one-coat, reinforced system

PPG QUANTUM® internally reinforced coatings offer a balance of performance and cost effectiveness, standing up to as much as 16,000 cycles of dry abrasion testing and delivering good non-stick performance.

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.



Very good overall durability

Very good wear resistance and release
Higher operating temperature compared to XYLAN® coatings



Customer benefits

Withstands intense baking demands
Oven safe up to 232° C (450° F)



Food-contact compliance

Made without PFAS
Specifically formulated to comply with regional food-contact regulations



PPG Quantum®

Product Characteristics

Chemistry	Silicone Polyester
Coating Type	Interior and exterior
Color	Available in a variety of metallic colors and effects
Continuous Use Temperature	232° C / 450° F
Cure Temperature	288° C / 550° F
Substrates	Aluminum, aluminized steel, carbon steel

Performance Properties

Dry Film Thickness (WTM 114A)	15 - 25 µm
Dry Abrasion Cycles Test (WTM 135C)	8,000 - 16,000 cycles
Cake Release Test	6 - 10
BBQ Chicken Release Test (WTM 199W)	6 - 10
Steak Release Test (WTM 199V)	5 - 8

Use and care recommendations

- Bakeware should not be used as a food storage container, which could result in staining the non-stick surface.
- Always allow bakeware to cool before immersing in water.
- If the non-stick performance declines, it may be from residue built up on the surface or from residue formed from misuse. A deep cleaning of the non-stick surface can help restore performance. This may include soaking overnight in hot, soapy water and then thoroughly washing the surface the next morning.
- Hand washing recommended.

Availability

Global

Product Series CodesS

8678S

Relative Coating Performance

Best: High Performance	ETERNA® PRO
Better: Balanced	ECLIPSE®
	QUANTUM®
Good: Economical	XYLAN®

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