



Eclipse® HB

High-build reinforced non-stick coating

Consumer Cookware

PTFE | Spray

Our most abrasion-resistant coating system

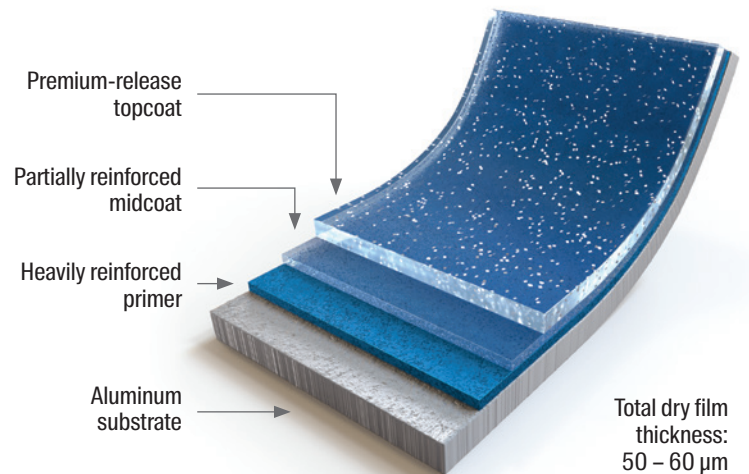


A three-coat system engineered to last

PPG ECLIPSE® HB high-build, internally reinforced PTFE coatings offer scratch and wear resistance for long-lasting performance, standing up to as much as 80,000 cycles of wet abrasion testing and 60,000 cycles of release testing.

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 overall durability

High film build for our best wear/scratch resistance and longest-lasting finish

Improved durability vs. standard *Eclipse* coatings



Customer benefits

Long-lasting beauty and durability

Dishwasher and metal utensil safe

Oven safe up to 260° C or 500° F

Easy cleaning



Food-contact compliance

Specifically formulated without PFOA to comply with food contact regulations in major markets



PPG Eclipse® HB

Product Characteristics	
Chemistry	PTFE
Color	Available in a variety of colors, including spatter
Continuous Use Temperature	260° C / 500° F
Cure Temperature	415° C / 780° F
Substrates	Rolled, forged, cast and hard anodized aluminum; stainless steel

Performance Properties	
Dry Film Thickness (WTM 114A)	50 – 60 µm
Wet Reciprocating Abrasion Test (WTM 135G)	40,000 – 80,000 cycles
High-Friction Scratch Test (WTM 137C)	9 – 10
Life Cycle Release Test (WTM 165N)	20,000 – 60,000 cycles

Use and care recommendations

- Low and medium heat should be used when cooking to help preserve the non-stick surface. Do not overheat and always be sure that oil, water or food materials are in the cookware prior to heating it.
- Cookware should not be used as a food storage container, which could result in staining the non-stick surface.
- Always allow cookware 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.

Product Series Codes
70-750 Primer
72-752 Midcoat
73-753 Topcoat

Relative Coating Performance	
Best: High Performance	ETERNA®
	ECLIPSE® HB
	ECLIPSE®
Better: Balanced	QUANTANIUM®
	FUSION® HR
Good: Economical	FUSION®
	XYLAN® PLUS
	SKANDIA® EXTREME

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