



Designed for best-in-class sharp edge protection

PCMT30105, PCF70283

Higher edge film build than traditional powder

Powder coatings continue to gain global prominence, generally offering better efficiency, coverage, edge protection, film build and durability than their liquid counterparts. The PPG PRIMERON® family of powder primers was designed to work in tandem with compatible powder topcoats to deliver higher film build, better coverage and longer-lasting corrosion protection than topcoat-only applications.

As part of this family, PPG PRIMERON® Edge delivers strong sharp-edge protection and corrosion resistance via two unique products. PCMT30105 offers semi-conductivity that allows for easier topcoating, meeting the tougher ISO 12944 C4 designation for industrial environments with moderate salinity. PCF70283 is designed for use with heavy-duty equipment and meets ISO 12944 C3 designation for urban and industrial use in low salinity environments.

Suggested industries

Heavy-duty equipment

Electrical and power generation

Suggested end uses

Vents, steps and louvres

Electrical boxes and air conditioners

ISO 12944 Corrosivity Category

C4: PCMT30105

C3: PCF70283

The PPG Benefit



Strong corrosion protection



Enhanced edge coverage
for sharp, complex or
laser-cut parts



Can help eliminate edge
rounding equipment / extra
machining



Reclaimable and resprayable
for less waste than liquid
coatings



PPG Primeron® Edge



Properties	Test Method	Value*
Color	-	Medium gray (PCF70283) Light tan (PCMT30105)
Surface	-	Smooth
Gloss at 60°	ISO 2813	Varies by product
Specific Gravity	Calculated	1.6 g/cm ³
Impact Resistance	ISO 6272 / ASTM D2794	80 in./lbs. direct
Adhesion	ISO 2409	5B, pass
Conical Mandrel	ISO 6860	1/8", pass

* Values indicate a range of performance across the entire family of products. For product-specific values, please contact your PPG sales representative or email ic-na@ppg.com.

Partial Curing	
5 - 7 minutes	350° F (177° C)
4 - 5 minutes	375° F (191° C)
3 - 4 minutes	400° F (204° C)

Full Curing*	
16 - 20 minutes	350° F (177° C)
12 - 15 minutes	375° F (191° C)
8 - 12 minutes	400° F (204° C)

Storage Conditions*
12 - 24 months / 77° F (25° C)

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