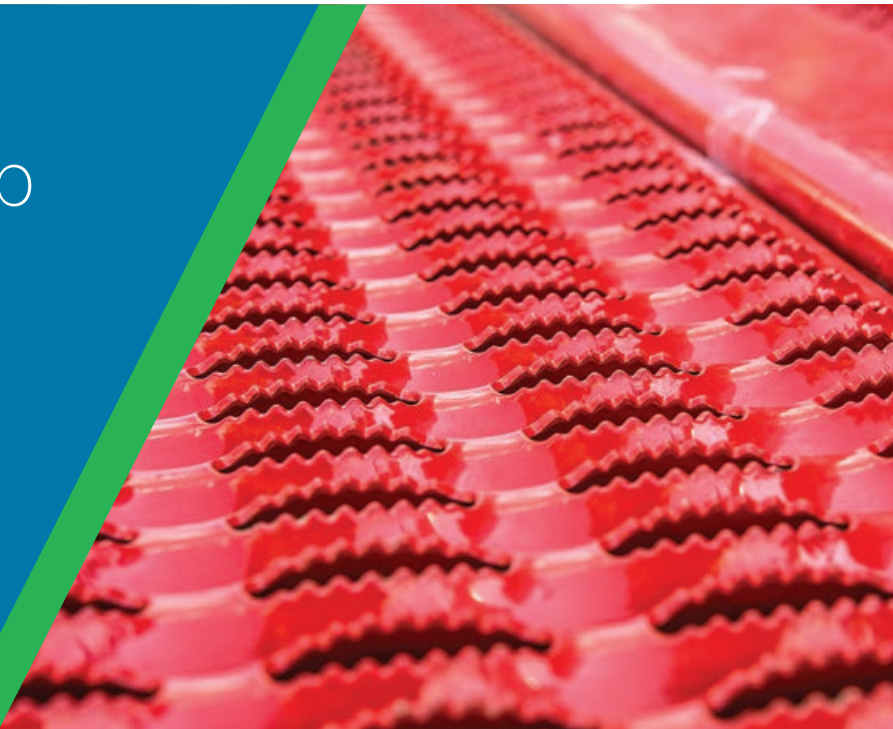




Designed for
best-in-class sharp
edge protection



Sharp edge protection

Corrosion protection is a decisive factor for the durability of components. Often, corrosion begins on sharp edges where film build may be thinner. The PPG Primeron® Edge primer developed to optimize the edge coverage of sharp edges significantly increases the lifecycle of the coated parts. Additionally, Primeron Edge shows very good results on degassing substrates.

Suggested industries

Heavy-duty equipment
Electrical and power generation

Suggested end uses

Vents, steps and louvres
Electrical boxes and air conditioners

Qualisteelcoat Approvals

PE-0161 - ST2, Chemical, C4H

The PPG Benefit



Strong corrosion protection



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



Very good coverage of
casting defects and very
good results on degassing
substrates



Reclaimable and resprayable
for less waste than liquid
coatings



PPG Primeron® Edge



Properties	Test Method	Value
Color	-	Medium gray
Surface	-	Matte, smooth
Gloss at 60°	ISO 2813	15-30
Specific Gravity	Calculated	1.54 g/cm ³
Impact Resistance	ISO 6272 / ASTM D2794	40 in./lbs. direct 20 in./lbs. reverse
Adhesion	ISO 2409	GT0, pass
Conical Mandrel	ISO 6860	0-10 mm, pass

Partial Curing	
7 - 10 minutes	130° C (266° F)
5 - 7 minutes	140° C (284° F)
3 - 5 minutes	150° C (302° F)

Full Curing	
20 - 25 minutes	170° C (338° F)
15 - 20 minutes	180° C (356° F)
10 - 15 minutes	190° C (374° F)

Storage Conditions
24 months / 30° C (86° F)

Corrosion performance

Test	Test Method	Substrate	Corrosion from Scribe	Surface Defects
NSS (Neutral Salt Spray Test) - 720 h	ISO 9227	Steel pretreated (1)	< 1 mm	No blisters, no rust
		Blasted steel (2)	< 1 mm	No blisters, no rust
CCT (Cyclic Corrosion Testing) - 1680 h	-	Steel pretreated (1)	< 1 mm	No blisters, no rust
		Blasted steel (2)	< 1 mm	No blisters, no rust
Humidity Resistance (40°C, 100% RH) - 720 h	-	Steel pretreated (1)	-	No blisters, no rust
		Blasted steel (2)	-	No blisters, no rust

(1): Chemical pretreatment - Alkaline (Iron phosphate) - Chrome free

(2): Blasted steel - Sanding media: Grit blast, Sanding rating: Sa 2 1/2, Rugosity: 6<Ra<12 µm, 50 < Rt <75 µm

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