PPG Primeron® Optimal

Zinc-rich primer with balanced performance properties

PCMT70149

Designed for durable outdoor performance

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® Optimal delivers exceptional corrosion resistance and a balanced offering of other properties, including better coverage, applied cost, adhesion, semi-conductivity, recoatability and transfer efficiency than traditional zinc primers. This primer is an excellent choice for equipment, parts and vehicles that operate in aggressive ISO 12944 C5 outdoor environments and is suitable for use on a variety of metals.

Suggested industries

Heavy-duty equipment

General industrial

Automotive parts and accessories

Suggested end uses

Construction/agricultural equipment

Seacoast walls, fences or metal objects

ISO 12944 Corrosivity Category

C5

The PPG Benefit

Corrosion performance on all metal substrates

Recoatable with higher transfer efficiency than traditional zinc primers

2x Almost double the theoretical coverage of *Primeron* Legacy primer

Reclaimable and resprayable for less waste than liquid coatings

PPG Primeron® Optimal

Properties	Test Method	Value
Color	-	Dark gray
Surface	-	Semi-gloss, smooth
Gloss at 60°	ISO 2813	55-70
Specific Gravity	Calculated	2.0 g/cm³
Impact Resistance	ISO 6272 / ASTM D2794	160 in./lbs. direct
Adhesion	ISO 2409	5B, pass
Conical Mandrel	ISO 6860	1/8", pass

Partial Curing

7 - 10 minutes	275˚ F (135˚ C)
3 - 5 minutes	300˚ F (149˚ C)
1 - 2 minutes	350˚ F (177˚ C)

Full Curing

20 minutes	275˚ F (135˚ C)
10 minutes	300˚ F (149˚ C)
5 minutes	350˚ F (177˚ C)

Storage Conditions

12 months / 77˚ F (25˚ C)

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