



Zinc-rich primer with exceptional corrosion protection

PCM70140



Our most corrosion-resistant powder primer, designed for industrial and coastal environments

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® Legacy zinc-rich powder primer offers our best corrosion protection in this technology. Designed for mechanically pretreated steel and meeting ISO 12944 C4 designation, this primer is an excellent choice for outdoor industrial areas or coastal areas with moderate salinity.

Suggested industries

- Energy applications
- General industrial
- Automotive parts and accessories

Suggested end uses

- Gas or liquid tanks and pipelines
- Seacoast walls, fences or metal objects

ISO 12944 Corrosivity Category

C4

The PPG Benefit



ISO 12944 C4 primer that passes C5 specification for corrosion resistance



Very good flow and appearance



Low bake capability



Reclaimable and resprayable for less waste than liquid coatings



PPG Primeron® Legacy



| Properties | Test Method | Value |
|--------------------------|-----------------------|---|
| Color | - | Dark gray |
| Surface | - | Semi-gloss, smooth |
| Gloss at 60° | ISO 2813 | 55-70 |
| Specific Gravity | Calculated | 3.6 g/cm ³ |
| Impact Resistance | ISO 6272 / ASTM D2794 | 80 in./lbs. direct 80 in./lbs. reverse |
| 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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