



Non-skid formulation with slip-resistant protection



PPG ENVIROCRON® HTE non-skid powder coatings

Envirocron HTE non-skid powder coatings offer textured, slip-resistant protection with strong mechanical and chemical durability. These advanced, high-performance coatings deliver excellent aesthetics, uniform finishes and can be customized to meet performance and visual requirements, including a wide range of colors and glosses.

Engineered for challenging conditions, *Envirocron* HTE non-skid coatings achieve first pass transfer efficiency rates of 85% or higher, enabling exceptional application build rates and improved production efficiency. They can be customized in both durable and ultra-durable formulations.

The formulation has passed independent third-party¹ testing in accordance with ANSI (American National Standards Institute) A326.3 non-skid performance standards, delivering a dynamic coefficient of friction greater than 0.55 for interior dry and wet and exterior wet and greasy surfaces. *Envirocron* HTE non-skid coatings also exceed requirements set forth by ASTM F1694-14 and F2048-00 standards.²

Suggested industries

General industrial
Vehicle and equipment
Building and construction

Suggested End Uses

Industrial walkways and platforms
Access ladders and gangways
Stairs, ramps and sidewalk transitions
Vehicle step surfaces
Docks, decks and piers

The PPG Benefit



Easy application with excellent transfer efficiency and minimal waste



Better adherence to metal than competing products due to smaller average non-skid particle size³



Texture can aid in improving grip and stabilizing footing, even in wet conditions



Passes ANSI 326.3 testing¹ and exceeds ASTM F1694-14 and F2048-00 standards²



Product Characteristics ⁴	Envirocron HTE Non-Skid Formulation
Colors	Wide range available
Gloss @ 60° (ASTM D523)	Full range range available
Appearance	Coarse, grit texture (40 µm average)
Substrates	Can be applied to any properly cleaned metal surface
Specific Gravity	1.53 ± .05
Theoretical Coverage	126 ft ² /lbs at 1.0 mil (25.7 m ² /kg at 25 µm)
Recommended Thickness (ASTM D7091)	2.0 – 6.0 mils
Curing	10 minutes, 350° F (177° C) at metal temperature

Performance Properties ⁴	
Hardness (ASTM D3363)	H
Adhesion (ASTM D3359)	5B
Impact Resistance (ASTM D2794))	Direct: 120 in./lbs., no flaking Indirect: 100 in./lbs., no flaking
Flexibility, Conical Mandrel (ASTM D522)	1/8", no flaking
Salt Spray Resistance (ASTM B117)	1,000 hours
Humidity Resistance (ASTM D4585)	1,000+ hours at 100 °F (38° C) with 100% relative humidity
Dynamic Coefficient of Friction (ANSI A326.3)	>0.55

¹ Performance certified by Walkway Management Group.

² ASTM F1694-14 *Standard Guide For Composing Walkways Surface Investigation, Evaluation, and Incident Report Forms for Slips, Stumbles, Trips, and Falls* and ASTM F2048-00 *Standard Practice for Reporting Slip Resistance Test Results*.

³ Average PPG particle size of 40 microns versus average competitor particle size of 250 microns.

⁴ Product tested on pretreated steel panels.

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