



## High-performance, corrosion-resistant zinc-flake coatings for construction fasteners



PPG fastener coating technologies are engineered to prevent corrosion and withstand heavy-duty impact and loads while optimizing fastener reliability, efficiency and longevity.

Widely used by the fastener industry, PPG XYLAN® zinc-flake coating is employed in construction applications where corrosion and chemical resistance is paramount. Applied via dip-spin or spray coating application, these zinc-flake coatings can also be combined with Xylan functional topcoats to further improve corrosion resistance, barrier protection and consistent coefficient of friction (CoF).

### Product Benefits

- Inorganic zinc-flake basecoat containing zinc or zinc-aluminium flakes
- Excellent corrosion resistance
- Hydrogen embrittlement-free application process
- Competitive application cost
- Specifically formulated without harmful heavy metals, such as Cr-(VI), cadmium, cobalt, lead and nickel
- When combined with Xylan topcoat, they can offer additional performance such as consistent good coefficient of friction and Kesternich (acid rain) resistance

### Segment

Building products

### Suggested End Uses

Residential building

Commercial building

Lightweight structural framework



Xylan Coating System	Series Code	Application
Zinc-flake base coat	52-110	Dip-spin, spray
	01-411	Spray
Functional topcoat (for construction)	5250	Dip-spin
	60-024	Spray

Application	Xylan Zinc-flake base coat			Xylan functional topcoat				Total DFT (basecoat + topcoat) $\mu\text{m}$	Performance	
	Series Code	Color	DFT $\mu\text{m}$	Segment	Series Code	Color	No of Coats		Salt-spray (ASTM B117) hours	Coefficient of friction (ISO 16047) $\mu_{\text{tot}}$
Dip-spin	52-110	Silver	8-10	General finish				> 720		
								> 1,000		
			12-15	Construction	5250	Silver	1	14-18	> 1,200	0.10-0.16
								2	20-24	> 1,500
Spray	01-411	Silver	12-15	General finish				> 1,000		
					Construction	60-024	Silver	1		14-18



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