

PPG PSX[®] 500

Sustainably advantaged polysiloxane topcoat for extended color and gloss retention



Features

- Unique, tin-free acrylic siloxane technology
- High gloss, isocyanate-free solution
- Excellent color and gloss retention with full range of colors
- Can be applied by brush, roller or spray - without thinning

Benefits

- Prolonged service life compared to conventional polyurethanes allowing less maintenance
- Reduced health and environmental impact
- Can be applied on top of cellulosic passive fire protection coatings PPG STEELGUARD FM550 and PPG STEELGUARD 651



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Across the globe, the moments we share in our daily lives are all connected by countless impressive structures made up of steel in which we live and work. Steel plays a critical role in the construction industry as one of the most used materials, offering incredible durability, long-lasting performance and design capability.

To extend the usage and longevity of steel, and maximize user experiences by delivering more vivid color and shine, it is critical for project stakeholders to choose a suitable top-coat to provide effective protection against corrosive and weathering factors.

At PPG, we have a wide range of top-coat solutions to suit your project needs. PPG PSX 500, the engineered siloxane topcoat, protects and beautifies our world by adding a defensive shield to valuable assets such as bridges, airports, petrochemical complexes and plants and facilities.

Cosmetic and Protective Performance

The two-component acrylic siloxane topcoat provides long-term cosmetic performance and good adhesion to epoxy coatings, with excellent color and gloss retention. PPG PSX 500 is high gloss (80 – 90GU @ 60 degree angle) and offers good resistance to chemical splashes and spills.

Sustainably Advantaged and Reduced Environmental Impact



Isocyanate-free



Tin-free

PPG PSX 500 is isocyanate-free which promotes a healthier workspace in addition to a reduced impact on the environment. This tin-free acrylic siloxane topcoat also meets rigid global environmental, health and safety requirements. Its application methods require little or no thinning - resulting in reduced solvent emissions and harmful waste.

Applicator Friendly and Fast Dry



Brush



Roller



Spray

PPG PSX 500 can be applied by brush, roller or spray, with a dry film thickness of 50-75 µm (2.0 - 3.0 mils) per coat. It is fast dry and can be dry-to-touch in just 2 hours at 20°C (68°F).

Engineered to Work with PFPs

PPG PSX 500 has been engineered to be compatible with PPG STEELGUARD FM550 and PPG STEELGUARD 651 cellulosic passive fire protection products (PFPs). The coating is flexible which reduces the risk of cracking issues when used as the top-coat of a PFP system.

Curing time for DFT up to 50 µm (2.0 mils)

| Substrate temperature | Dry to touch | Dry to handle |
|-----------------------|--------------|---------------|
| 5°C (41°F) | 14 hours | 30 hours |
| 10°C (50°F) | 8 hours | 20 hours |
| 20°C (68°F) | 2 hours | 5 hours |
| 30°C (86°F) | 1.5 hours | 3.5 hours |
| 40°C (104°F) | 1 hour | 3 hours |

For more information on PPG PSX 500, including warranty limitations, see the product data sheet available at ppgpmc.com

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules. Under these circumstances an alternative product data sheet is used.

Visit ppgpmc.com or contact:

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