

PPG PSX[®] 805 and 800

Unique next-generation engineered polysiloxane





After more than 20 years of proven, patented performance in polysiloxane technology, PPG has developed the next generation of polysiloxane coating innovation. *PSX 805* and *PSX 800* offer additional flexibility necessary in many coatings situations. In addition, *PSX 805* offers a satin sheen that can help to hide imperfections in the surface or coatings application. These products also provide all of the benefits that come with the *PSX* experience, including low VOCs (<100 g/L), unlimited topcoat windows, excellent abrasion resistance, corrosion and chemical resistance, and many more.

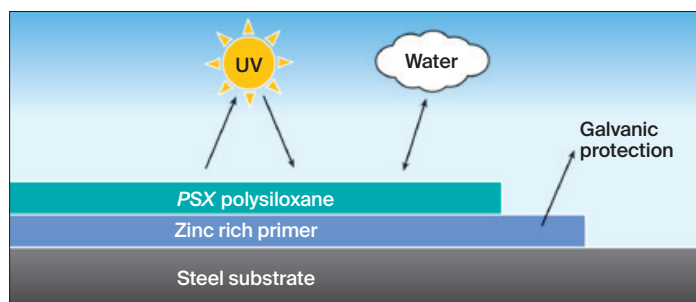
PSX[®] technology

PSX 700 protective siloxane-epoxy coating maximizes performance, cost-savings and environmental sustainability within a variety of segments, from infrastructure to petrochemical and offshore to marine industries. With more than 20 years of history and more than a billion square feet

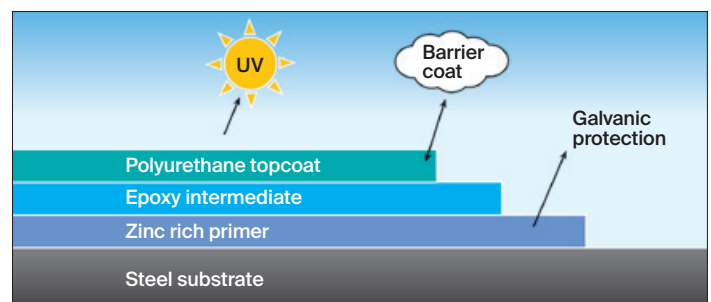
of surfaces covered, *PSX* is the premier name in polysiloxane coatings. *PSX 805* and *800* have built on this technology to offer some additional features, including improved flexibility and a satin sheen. *PSX 700* remains an excellent option if your project does not require these additional features.

PSX[®] factor: 1+1=3

PSX[®] 805 and PSX[®] 800 polysiloxane high-performance system



Traditional three-coat systems



Features & benefits



Flexibility – more flexible than other polysiloxanes



Unlimited topcoat window



Isocyanate-free



Low VOC emissions



Eliminates a coat (can be applied over zinc-primer as a two-coat system)*



Low odor



Superior color and gloss retention



Excellent corrosion and chemical resistance



Outstanding abrasion resistance



Supreme adhesion strength



Limited accumulation of dirt



Lower application costs*



Lower application time & downtime*



Easy maintenance: clean-dry-recoat*



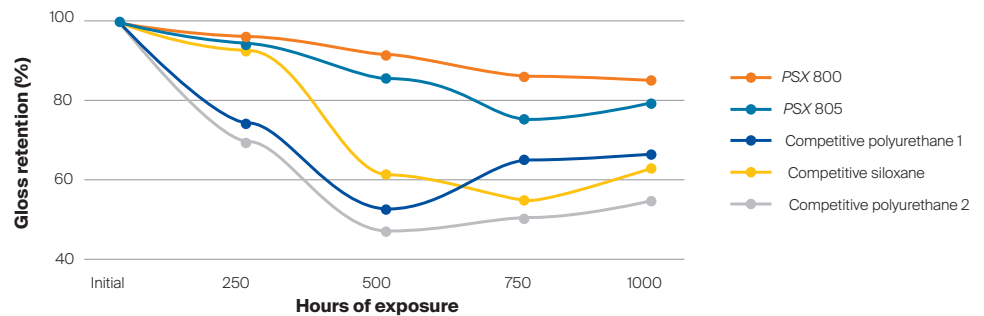
Reduced waste management costs*

* When compared to a traditional three-coat system

Improved flexibility

For a coating to perform properly during use, it must have the proper amount of flexibility to withstand cracking under stress. PSX 805 and 800 are up to five times more flexible than competitive polysiloxane coatings. These products are suitable for use on any surfaces that are thick enough to abrasive blast without warping.

Color and gloss retention



Safer for the environment

PSX 805 and 800 are both low VOC and isocyanate free, making them more environmentally preferred than many competitive products.

With VOCs of less than 100 g/L, both PSX 805 and PSX 800 are ideal for applications nearly anywhere.

PSX 805 has been independently tested by UL and meets the criteria for GREENGUARD Gold Certification, the most stringent standard. This provides assurance that products designed for use in indoor spaces meet strict chemical emissions limits, which in turn contributes to the creation of healthier interiors. This standard is designed to define low-emitting materials suitable for environments where people, particularly children and sensitive adults, spend extended periods of time – in particular, schools and healthcare facilities. UL GREENGUARD Gold is referenced by both The Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED) Building Rating System.



Unlimited topcoat window

PSX 805 and PSX 800's unlimited topcoat windows make it easy to perform field touch up and future maintenance.

Adhesion strength

- Shows excellent adhesion strength both direct-to-metal and to typical epoxies and zincs.
- When applied DTM – 1000+ PSI
- Excellent adhesion to aged Kynar

PSX[®] 805 satin finish polysiloxane

Many protective coatings are limited to and are only available in a high-gloss sheen. Durable coatings with a satin finish are commonly specified and requested in the commercial marketplace. PSX 805 is flexible and has a satin sheen, making imperfections on

the application surfaces less noticeable. The combination of flexibility and lower gloss sheen makes this product versatile for many applications.

Steel applications

Bridges



Structural steel



PSX 805 and 800

Expanded flexibility for metal applications



OEM parts



Tank exterior applications

PSX 800 is the ideal product for coating tank exteriors when applying by roller. PSX 800 comes in a high-hiding white for

excellent coverage. PSX products have also long been known to provide a mold and mildew resistant coating.

Floating tank roofs Railings



Tank exteriors



Building exterior applications

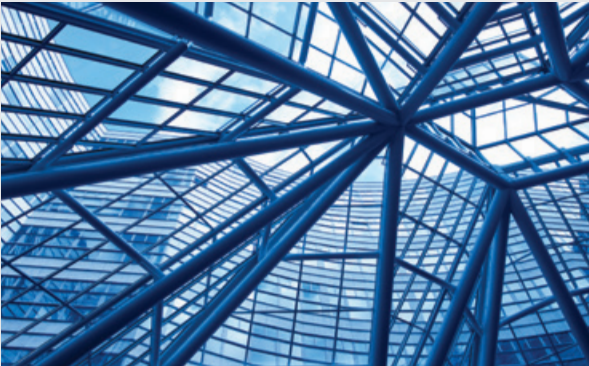
Metal buildings & siding
Commercial architectural metal finishes



Awnings
Mullions



Structural steel



Stadiums, transit stations, convention centers



Exterior metal features
on buildings



Light fixtures
Signage





PSX 805



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