

TECHNICAL DATA

Product Name: **System X PRO Ceramic Coating**



Substance key: SXPRO

Ambient cure clear coat for paint, gel coat, and bare metal.

Product Overview

System X PRO Ceramic Coating is a ready to use ambient drying clear coat suitable for paint, gel-coat and bare metals. System X is applied easily by hand using a sponge, cloth or circular cotton applicator. This coating's cross-linking mechanism produces a shatterproof ceramic barrier that becomes the functional surface of the substrate treated. Application time of about 3 minutes per panel and dry time of approximately 20 minutes depending on temperature and humidity levels. 80% cure in 24 hours, full cure in 3 days at 18°C (64°F) to 23°C (73°F).

This product has excellent weatherability, UV resistance, hardness and abrasion resistance.

Major Applications

Glossy, highly protective finish coatings for

- ✓ Clear automotive finishes
- ✓ Aircraft protective applications
- ✓ Marine protective applications
- ✓ Both ferrous and non-ferrous metals and alloys
- ✓ Thermally resistant applications
- ✓ Corrosion resistant applications

Technical Data

Appearance	Clear
Finish	High Gloss
Chemical resistance	Excellent
Coverage	60 sqft / ounce (30 ml)
Dry time	20 minutes
Shelf life	1-2 years from shipment date when unopened and stored dry at 18°C (64°F) to 23°C (73°F)
Protection effectiveness	5+ years depending on environmental factors

Scratch Hardness	7H
Pencil Hardness	9H
Film Thickness	.75 - 1 µm
Temperature resistance	> 538°C (1000°F)
Salt Spray (ASTM B117)	@ 35°C (95°F), 5% salt concentration, > 350 hrs to first signs of corrosion
Adhesion Cross-Cut Tape (ASTM D3359)	5b (0%, none)
Mandrel Bend (ASTM D522)	0% @ 180° rotation
Impact (ASTM D2794)	80/80 in/lbs