



POLANE[®] 8780

ROBUST SB TOPCOAT WITH EXTREME EARLY HARDNESS

SHERWIN-WILLIAMS[®]

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The values in this sell sheet are indicative, please refer to the technical data sheet of each product.

* Cover photo: ©Abbey Machinery

POLANE® 8780

ROBUST SB TOPCOAT WITH EXTREME EARLY HARDNESS



GENERAL FEATURES:

- 2K Polyurethane system
- Hardener, cod. 96510 component M.S. 50
- 40% w/w, 2:1 v/v (ready to use)
- VOC 440-460 g/L (compliant system with HS or WB primer)
- Pot life 2h
- Gloss level -15-90@60°
- Drying speed: 20'@60 °C 70-80 micron DFT Dry to handle
- 1E1951 CAT approved.

OTHER CHARACTERISTICS:

- Application air-mix, conventional
- Very high popping and sagging limit
- Wet on wet application possibility
- Available in all colors also via tinting system:
 - Clear High & Low Gloss
 - White High & Low Gloss
 - 16 Colorants.

TECHNICAL CHARACTERISTICS

TEST	REFERENCE	RESULTS
Adhesion on primer*	ASTM D3359	5B-4B
Gouge pencil hardness	ASTM D 3363	≥4h
Persoz hardness	ASTM D 4366-95	≥ 150
Humidity test*	ASTM D 1735	No visual defects and loss of adhesion after 500h
Chemical resistance	JD JDQ142	No visual defects after 24h Antifreeze (sol. H2O 1:1) Motor oil Hydraulic oil Diesel fuel Unleaded gasoline
Water immersion*	ASTM D 870	No visual defects and loss of adhesion after 400h @ 25 °C
Neutral salt spray test*	B117 - ASTM D 1654	Rating 7 (mm AVG delamination one side 1-2 mm) after 1000h
Weatherometer test**	ASTM G155-05A CYCLE 7A	After 2000 h % Gloss retention at 60° ≥ 80 % Gloss retention at 20° ≥ 55 Delta E ≤ 2

* Topcoat on different epoxy primers, applied on shotblasted steel
• code 91195: EPOXINVER/E PRIMER A SPESSORE CT113 (SB)
• code 40847: IDROXINVER/P 2K WB EPOXY PRIMER (WB)
• code V0300: DURASPAR PRIME HIGH SPEED (DPHS)
Direct adhesion on ABS.

** Depending on pigmentation

CASE STUDY



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Polane® 8780 Abbey orange

At Sherwin-Williams, we think about coatings differently, continuously seeking the perfect solution to help your products win over your customers. Whether you need the most rugged and protective coating, a technical expert to provide answers and hands-on support, consistently perfect color at just the right gloss, or a custom solution created just for you — we are here to help. We are Sherwin-Williams General Industrial Coatings, and we are obsessed with giving you the competitive edge.