



# 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.

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## 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<br>Antifreeze (sol. H2O 1:1)<br>Motor oil<br>Hydraulic oil<br>Diesel fuel<br>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<br>% Gloss retention at 60° ≥ 80<br>% Gloss retention at 20° ≥ 55<br>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

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