POLANE® 8780
ROBUST SB TOPCOAT WITH EXTREME EARLY HARDNESS

The values in this sell sheet are indicative, please refer to the technical data sheet of each product.
* Cover photo: ©Abbey Machinery
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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

<table>
<thead>
<tr>
<th>TEST</th>
<th>REFERENCE</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesion on primer*</td>
<td>ASTM D3359</td>
<td>5B-4B</td>
</tr>
<tr>
<td>Gouge pencil hardness</td>
<td>ASTM D 3363</td>
<td>≥4h</td>
</tr>
<tr>
<td>Persoz hardness</td>
<td>ASTM D 4366-95</td>
<td>≥ 150</td>
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<tr>
<td>Humidity test*</td>
<td>ASTM D 1735</td>
<td>No visual defects and loss of adhesion after 500h</td>
</tr>
<tr>
<td>Chemical resistance</td>
<td>JD JDQ142</td>
<td>No visual defects after 24h</td>
</tr>
<tr>
<td>Water immersion*</td>
<td>ASTM D 870</td>
<td>Antifreeze (sol. H2O 1:1)</td>
</tr>
<tr>
<td>Neutral salt spray test*</td>
<td>BI17 - ASTM D 1654</td>
<td>Rating 7 (mm AVG delamination one side 1-2 mm) after 1000h</td>
</tr>
<tr>
<td>Weatherometer test**</td>
<td>ASTM G155-05A CYCLE 7A</td>
<td>After 2000 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>% Gloss retention at 60° ≥ 80</td>
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<tr>
<td></td>
<td></td>
<td>% Gloss retention at 20° ≥ 55</td>
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<tr>
<td></td>
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<td>Delta E ≤ 2</td>
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</tbody>
</table>

* Topcoat on different epoxy primers, applied on shotblasted steel
  - code 91195: EPOXINVER/E PRIMER A SPESSORE CT13 (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.