Bumper & Cladding Coat Adhesion Primer is an advanced solvent-based coating designed to help your automotive base-clear topcoat system stick to unprimed TPO plastic bumpers.

Bumper & Cladding Coat Adhesion Primer sticks tenaciously to unsanded, unscuffed raw TPO plastic. Once the Adhesion Primer is dry, it can be topcoated without sanding or scuffing.

### Benefits:

- Sticks to smooth or textured TPO plastics. Ideal for easy refinishing of new, unprimed OEM replacement bumpers from Toyota, Nissan, Kia, Subaru, etc.
- No sweat! Quit “sweating” your bumpers in the paint booth. No need to clean, sweat, re-clean, and so on.
- Sticks to TPO plastic without sanding or scuffing. Just clean the bumper with our 1000 Super Clean plastic cleaner and shoot the Bumper & Cladding Adhesion Primer on!
- Simple, ready-to-spray, 1K formulation means there’s no waste. What you don’t use, pour back into the can!
- Compatible with most urethane and polyester-based base-clear topcoat systems. Bumper & Cladding Adhesion Primer does not have to be scuffed or sanded prior to topcoating, and it may be topcoated at any time after application.
- A proven labor-saver since its introduction in 2003.

See SDS and product label for additional safety information. SDS, S.O.P., and technical data sheet may be downloaded at [www.polyvance.com](http://www.polyvance.com).

### Part Numbers

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Light Gray</th>
<th>Dark gray</th>
<th>White</th>
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<tbody>
<tr>
<td>Quart</td>
<td>3601-4</td>
<td>3602-4</td>
<td>3604-4</td>
<td></td>
</tr>
<tr>
<td>Gallon</td>
<td>3601-1</td>
<td>3602-1</td>
<td>3604-1</td>
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### Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>Shipping Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart</td>
<td>2.1 lbs</td>
<td>4.2&quot; dia x 4.8&quot;h</td>
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<tr>
<td>Gallon</td>
<td>7.9 lbs</td>
<td>6.5&quot; dia x 7.5&quot;h</td>
</tr>
</tbody>
</table>

### Properties

- Recommended Nozzle Size: 0.8 - 1.3 mm
- Spray Temperature: 50°F - 90°F
- Dry Time @ 72°F (21°C): 60 min
- Dry Time @130°F (54°C): 15 min
- Dilution with Lacquer Thinner: none
- Density: 7.3 lb/gal (875 g/L)
- VOC: 6.3 lb/gal (755 g/L)
- Brookfield Viscosity: 600 cps
- Flash Point: >40°F (>4.4°C)
- Film Build per Coat: .03-.05 mils (8 - 12 µ)

Bumper & Cladding Coat Adhesion Primer is classified as a specialty coating (elastomeric material) and is compliant under the EPA's National VOC Emission Standard.

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Approved* Base-Clear Topcoat Systems:

Manufacturer   | Brand       | Description                   | Approved
---------------|-------------|--------------------------------|---------
Akzo Nobel      | Lesonal     | 1K Basecoat                    | YES     
Akzo Nobel      | Sikkens     | Autobase                       | YES     
Akzo Nobel      | Sikkens     | Autowave (waterborne)          | YES     
BASF           | Glasurit    | Series 55 polyester basecoat   | YES     
BASF           | Glasurit    | Series 90 Waterborne           | NO      
BASF           | Limco       | Supreme Acrylic Enamel basecoat| YES     
BASF           | R-M         | Diamondbase polyester basecoat | YES     
BASF           | R-M         | Onyx HD Waterborne basecoat    | NO      
Axalta          | Axalta      | Cromax Pro Waterbase basecoat  | NO      
Axalta          | Axalta      | ChromaBase                     | YES     
Axalta          | Axalta      | ChromaPremier                  | YES     
Axalta          | Nason       | Ful-Base base-clear system     | NO      
Axalta          | Spies Hecker| Permahyd Waterborne Series 280 | NO      
Axalta          | Spies Hecker| Permacon Solvent-based Series 293 | YES     
Axalta          | Standox     | Basecoat MSB System            | YES     
Nexa            | Autocolor   | Aquabase Plus                  | YES     
PPG             | Envirobase  | Waterborne basecoat            | YES     
PPG             | ICI/Nexa    | Autocolor 2K Base/Clear        | YES     
PPG             | Omni        | Omni AU                        | YES     
PPG             | PPG         | Deltron 2000 DBC               | YES     
PPG             | PPG         | Deltron DBU w/ reactive reducer| YES     
PPG             | PPG         | Global BC                      | YES     
Sherwin-Williams | AWX        | Waterborne basecoat             | NO      
Sherwin-Williams | Martin Senour | Tec/Base                   | YES     
Sherwin-Williams | Sherwin-Williams | Ultra 7000                  | YES     
Valspar         | De Beer     | Waterbase 900 series           | YES     

* If your paint system is not on this list, please call 800-633-3047 or visit www.polyvance.com for the latest compatibility information.

Technical Information:

Compatible Substrates:
Bumper & Cladding Coat Adhesion Primer is optimized for adhesion to TPO (TEO, PP blend) plastics. Bumper & Cladding coat may be sprayed on TPO plastic surfaces without first sanding or scuffing the surface.

Bumper & Cladding Coat Adhesion Primer is not recommended over other substrates such as raw polyurethane (PUR) or OEM primed bumpers. Bumper & Cladding Coat Adhesion Primer has adequate adhesion to these substrates only if they are scuffed or sanded and the adhesion will only be comparable to other primers. Polyvance will guarantee adhesion only to raw TPO.

Compatible Topcoats:
Bumper & Cladding Coat Adhesion Primer may be topcoated with one of the approved base/clear refinishing systems listed here. We recommend that the basecoat be sprayed directly over the Bumper & Cladding Coat. It may not be topcoated with any catalyzed basecoat, 2K primer surfacer, 2K sealer, or single stage urethane topcoat system. These topcoats will break down the Bumper & Cladding Coat’s adhesive qualities.

Additional Notes:
- Bumper & Cladding Coat Adhesion Primer is ready to spray, but it may be thinned if needed with lacquer thinner (up to 5% by volume).
- The highest quality control measures are taken during the production of Bumper & Cladding Coat Adhesion Primer. However, it is highly recommended a 25 micron filter be used to filter the paint immediately before use.

Test Results:
The paint film on the bumper can be crosshatched with a razor blade, tape tested, and pressure washed with no evidence of basecoat or primer peeling.

As you can see, the pressure washer will actually drill a hole into the TPO plastic before the paint peels! This photo shows the clear coat delaminating from the basecoat, but neither the basecoat nor the primer is peeling.