PRE-TREATMENT COATING
HIGH PERFORMANCE

VOC: 420 g/l or less, 3.5 lb/gl (Combined Components)

PRE-TREATMENT COATING is a two-component product applied over bare metal to increase adhesion. PRE-TREATMENT COATING increases adhesion specifically on steel surfaces. This non-chromate formula product provides excellent adhesion with outstanding corrosion and chip resistance.

ADVANTAGES:
▼ Air-dries in 15 minutes
▼ Excellent adhesion
▼ Rust- and corrosion-resistant
▼ Exceeds Air Quality Regulations
▼ No chromates

Product Numbers:  PART A: 183A Black, 187A Green  
PART B: 189B Converter
COMPLIANT COATINGS SYSTEM

PRE-TREATMENT COATING

SURFACE PREPARATION

Prior to application, the surface must be dry, clean and free from wax, grease, oil, rust, dirt or any other foreign matter. Use PCL 2040 NOVOC® Compliant Universal Solvent or PCL 8007 Compliant Cleaning Solvent on unpainted surfaces. Sand and featheredge original finish with 220 or 320 wet or dry sandpaper. Use PCL 180 Series Pre-Treatment Coating over bare metal for optimum adhesion.

APPLICATION

BARE METAL: Bare metal surfaces must be pretreated with Pre-Treatment Coating. Mix 180 Series Part A and Part B 189B. Once thoroughly mixed, apply one thin coat to a dry film thickness of 1 mil.

NOTE: Be sure to apply an appropriate primer within 8 hours of applying Pre-Treatment Coating. After 8 hours, Pre-Treatment Coating should be lightly sanded before applying the primer.

MIXING

Pre-Treatment Coating is a two-component product consisting of 180 Series Pre-Treatment Coating Part A and Part B 189B Converter. The proper mixing ratio is 1:1.

IMPORTANT! Pre-Treatment Coating 180 Series Part A must be mixed with Pre-Treatment Coating Part B Converter before the product can be used. Any mixture of 180 Series Part A and Part B Converter will have the hazards of both components. Before opening the packages, READ ALL WARNINGS ON THE LABELS. OBSERVE ALL APPLICABLE PRECAUTIONS.

CAUTION! The Pre-Treatment Coating two-component system contains phosphoric acid. If splashed in eyes, on clothing, skin, adjacent surfaces, concrete painted areas, etc., flush immediately with water to remove.

MIX ONLY WHEN READY TO USE. Mix only enough material to be used in 8 hours.

Always maintain the proper mixing ratio, one part 180 Series Part A to one part Part B Converter. In a separate and larger container, thoroughly stir Part A and slowly add Part B Converter until well mixed.

Pot Life: Pot life is approximately 8 hours @ 77°F. Pot life will shorten at higher temperatures and/or in larger quantities.

EQUIPMENT CLEANING

Clean spray guns and coating application equipment in an enclosed equipment cleaner. Use PCL 2040 NOVOC® Compliant Universal Solvent or PCL 8007 Compliant Cleaning Solvent. Follow your local air quality regulations for solvent VOC requirements.

GENERAL INFORMATION

Do not leave pre-treated unprimed metal exposed to sunlight for more than 6 weeks.

TECHNICAL DATA (Combined Components)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC</td>
<td>420 g/l or less, 3.5 lb/gl</td>
</tr>
<tr>
<td>Colors</td>
<td>Black and Green</td>
</tr>
<tr>
<td>Finish</td>
<td>Flat</td>
</tr>
<tr>
<td>Solvent</td>
<td>Ketones, Esters, Xylene, Alcohols and Ethylbenzene</td>
</tr>
<tr>
<td>Flash Point</td>
<td>1°F TCC</td>
</tr>
<tr>
<td>Dry-to-Touch</td>
<td>10 minutes @ 77°F</td>
</tr>
<tr>
<td>% Solids by Volume</td>
<td>7.4</td>
</tr>
<tr>
<td>% Solids by Weight</td>
<td>16</td>
</tr>
<tr>
<td>Coverage</td>
<td>120 square feet per gallon @ 1.0 mil DFT</td>
</tr>
<tr>
<td>Viscosity</td>
<td>11–13 seconds #2 Zahn cup @ 77°F</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>Within 8 hours @ 70–80°F</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>1 year from date of manufacture when stored at temperatures not to exceed 90°F</td>
</tr>
</tbody>
</table>

THINNING

No thinning is required.

LIMITED WARRANTY

PCL certifies that all PCL products delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in PCL published literature. Since matters of surface preparation, application procedures and other local factors which affect performance are beyond its control, PCL assumes no liability for coating failure other than to supply replacement material for a PCL product shown to be defective. If you have questions, contact your dealer, visit www.pclautomotive.com, or call PCL. There is no other warranty, either express or implied.

NOTE: FOR USE BY PROFESSIONAL, TRAINED PERSONNEL. USING PROPER EQUIPMENT WITH STANDARD SAFETY PROCEDURES. NOT INTENDED FOR SALE TO THE GENERAL PUBLIC. FOR PROFESSIONAL USE ONLY. NOT FOR RESIDENTIAL USE. REFER TO THE PRODUCT LABEL AND MATERIAL SAFETY DATA SHEET (MSDS) FOR CAUTIONS AND WARNINGS PERTAINING TO THIS PRODUCT.