



# POLYCOAT PRODUCTS

A Division of American Polymers Corp.

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## PRIMER GUIDELINES

### METAL

1. Polyprime 2180/2180SC
2. Polyprime 172
3. Metal Primer 130 (Outside of California)
4. Polyprime 3042 (Carbon Steel, Non-Ferrous Metal, PVC, Steel Bridges & Tanks)

**Note:** The addition of a few drops of Quick-N-Cure catalyst to the Metal Primer 130 will accelerate the tack free time to under one hour depending on ambient temperature. The addition of Polyglaze Hardener to the Polyprime 172 will accelerate the tack free time to under one hour depending on ambient temperature. The ratio is one quart of Polyglaze Hardener to five gallons of primer.

**Copper and stainless steel must be abraded prior to primer application.**

### CONCRETE

1. Polyprime 21
2. Polyprime 2180/2180SC
3. Polyprime EBF-LV (High viscosity primer for porous concrete)
4. Polyprime U (For concrete decks subjected to pedestrian traffic only)

### RE-COAT OF EXISTING POLYURETHANE DECKS

#### Pedestrian Decks

1. Polyprime 172 (lightly trafficked areas such as balconies only)
2. Polyprime U

#### Parking Decks

1. Polyprime 21
2. Polyprime U (**May be applied to exposed concrete where coating is worn to substrate**)

**Note:** The addition of Polyglaze Hardener to the Polyprime U and Polyprime 172 will accelerate the tack free time to under one hour depending on ambient temperature. The ratio is one quart of Polyglaze Hardener to five gallons of primer.

**Caveat:** Never use the PC-550 basecoat with anything other than an epoxy primer. This water catalyzed basecoat must be used only with Polyprime 21 or Polyprime 2180/2180SC.



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## RE-COAT GUIDELINES

Following are general guidelines for re-coating both Polycoat and other similar polyurethane deck coating systems. Specific re-coating procedures will be determined only after a thorough inspection of the existing coating system that is to be re-coated.

1. Pressure-wash the existing polyurethane coating with a suitable cleaning agent such as TSP and water to degrease and remove all foreign matter, dirt, debris and loose coating. A citrus based or other more stringent cleaner may be required for removal of stubborn grease stains. Thoroughly rinse to remove all cleaning residue.
2. Completely remove all striping paint (on parking decks).
3. Perform all necessary crack and spall repairs, if any, per manufacturer's standard recommendations.
4. Perform an adhesion test(s) as necessary.
5. Patch all exposed substrate with basecoat such as PC-260. Abrade exposed concrete substrate to create an ICRI CSP 3 profile for pedestrian decks and CSP 4-5 profile for vehicular decks if necessary and prime with Polyprime 21 or 2180 prior to patching; Polyprime U may be used in pedestrian deck applications.
6. Prime the existing coating with the appropriate Polycoat re-coat primer.

### Options

- A. Apply an intermediate coat with sand followed by application of a topcoat.
- B. Apply a topcoat with sand and back roll.
- C. Apply a complete deck coating system.

**Note:** The warranty issued by Polycoat is premised on which re-coating option is performed.

### PEDESTRIAN DECK RE-COAT PROCEDURE

1. Same as steps 1, 3, 4 and 5 above.
2. Apply Polyprime U at 150 square feet per gallon and broadcast aggregate at desired rate into wet primer.
3. Apply Polyglaze 100 at 80 square feet per gallon.

**Note:** Polycoat will issue a 5 year product warranty for this application premised on the existing coating being in sound condition.

### VEHICULAR DECK RE-COAT PROCEDURE

1. Same as step 1 above.
2. Same as step 2 above.
3. Abrade all exposed concrete to render a CSP 4-5 profile.
4. Same as step 3 above.
5. Same as step 4 above.
6. Same as step 5 above.
7. Same as step 6 above.
8. Apply Poly-I-Gard 246 Vehicular deck Coating System per manufacturer's data sheet.

**Note:** Polycoat will issue a 5 year product warranty for this application.