



## A-86,000

# Curb and Gutter Repair

### Description

This specification includes the repair and resurfacing methods used when applying **Americrete, Inc.** products over cracked, spalled and/or deteriorated concrete curbs and gutters. This method of repair will take a surface that is spalled, cracked and/or deteriorated and will create a new looking concrete curb and gutter without the expense of removal and replacement. The new surface will make the existing curb and gutter durable, more resistant to water and will preserve the life of the existing curb and gutter. A-600 Concrete Resurfacer is designed to withstand the abuse of heavy vehicular traffic.

### Preparation of Curb and Gutter Existing Curb and Gutters

All existing coatings, loose cement, sealers, curing agents and other foreign materials must be removed by grinding or shot blast equipment in order to reveal clean concrete.

### Cleaning

Clean the curb and gutter with A-100 Degreaser to remove dirt, grease and oil from the surface. The surface shall be cleaned thoroughly of all contamination by scrubbing the surface with A-100 Degreaser. Spray A-100 Degreaser evenly over the entire surface. Allow the A-100 Degreaser to set on the surface for approximately 30 minutes, then completely rinse by using a 3000 to 4000 PSI pressure washer. Allow the surface to dry.

### Surface Stabilization (with Americrete A-200 Concrete Prep and Seal)

Chalky or brittle concrete must be treated with two applications of A-200 Concrete Prep and Seal to increase concrete strength and to reduce moisture vapor transmission. Apply two applications of A-200 Concrete Prep and Seal over the entire surface with a low-pressure sprayer. Spray evenly to saturate the surface, but do not allow the material to puddle. This process will increase concrete strength and reduce moisture vapor emissions substantially. Wait 24 hours before applying A-600 Concrete Resurfacer to the curb and gutter. Note: If efflorescence continues, repeat this step. Continue only if no efflorescence is present.

For freeze/thaw damaged concrete, the damaged surface must be removed before application of A-600 Concrete Resurfacer.

### **Application**

**Note: Application is by Approved Applicators only.**

### **Surface Repairs**

Large spalls and voids must be pre-filled prior to resurfacing.

### **Crack Repair**

See Americrete's Specification A-17,000 Crack Repair for complete instructions.

### **Application of A-600 Concrete Resurfacer**

Keep concrete moist at all times during application. After spall repairs are completely dry, apply A-600 Concrete Resurfacer to curb and gutter at 1/8" thick. Allow to dry. Apply a 2<sup>nd</sup> coat of A-600 Concrete Resurfacer at 1/8" thick over the entire curb and gutter. A broom can be achieved while applying the 2<sup>nd</sup> application of A-600.

### **Curb and Gutter Repair**

1. Remove all loose spalled concrete.
2. V-Grind out all cracks. See Spec A-17,000 Crack Repair for complete instructions.
3. Power wash surface and use A-100 Degreaser to remove grease, oil and other contaminants from curb and gutter by applying the A-100 Degreaser directly to the surface, broom surface and allow to set for 30 minutes. Then pressure wash with 3000 to 4000 psi pressure washer, rinsing thoroughly.
4. Apply A-200 Concrete Prep and Seal at a rate of 300 square feet per gallon. Allow to dry 24 hours.
5. Pre-fill all spalled areas with A-600 Concrete Resurfacer and allow to dry.
6. Apply a coat of A-600 Concrete Resurfacer over the entire curb and gutter area. Allow to dry completely.
7. Apply a 2<sup>nd</sup> coat of A-600 Concrete Resurfacer, if needed, over the curb and gutter. If a broom finish is desired, this 2<sup>nd</sup> coat should be a thin application of A-600 and then broom to finish.
8. Twenty-four hours after A-200 Concrete Prep and Seal is dry, apply **one** heavy coat of **A-1200RS Natural Seal Resurfacer** by sprayer, at a rate of 300 square feet per gallon.

### **Product Warranty – 5 Year Limited Warranty**

Americrete, Inc. blends its products to the highest quality. Warranty does not apply to any persons, company or private individuals who have not attended an Americrete, Inc. training class and/or have not been approved as a Certified Applicator of Americrete, Inc. products. This warranty is limited to the replacement of material (product) for a period of 1 year for single product application and for a period of 5 years for entire system application only if the

maintenance has been performed as stated above and the product(s) have been proven to be defective. Product must be applied to manufacturers specifications, and over a sound substrate. There is no warranty for cracking, damage to substrates or replacement of any tangible items. This warranty, dated October 2004, supercedes all previous warranties.

***Note: Americrete, Inc. products are to be applied only when surface temperatures are at 55 degrees Fahrenheit or higher. Do not apply when rain or other precipitation is expected within 24 hours.***