



# APPLICATION PROCEDURE

## ACRYLOCOAT™

### DECORATIVE FINISH COATING SYSTEM

CONCRETE BLOCK & POURED CONCRETE SUBSTRATE

APPLICATION  
PROCEDURE  
#AC001  
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12 YEAR  
LIMITED  
MATERIAL  
WARRANTY 03/22/05  
*superseding: 07/01/04*

#### MATERIAL ESTIMATION:

<b>Chlorine and Water Solution</b>	1 Quart per 100 square feet (depends on degree of mildew)	
<b>ACRYLOPATCH™</b>	1 Gallon fills 150 cubic inches	Caulk and Seal all cracks 1/8" or greater
<b>ACRYLOLOCK™</b>	Approximately 250 sq. ft. per gallon	If Surface is less than 30 Days Old
<b>ACRYLOPRIME™</b>	Approximately 150 square feet per gallon	One Coat is Required
<b>ACRYLOSTUK™</b>	Approximately 28 square feet per gallon	One Coat is Required; ACRYLOTHERM™ can be used in place of ACRYLOSAND™ or ACRYLOSATIN™ as a Performance Upgrade Mid-Coat for a Smooth Finish.
<b>ACRYLOSAND™</b>	Approximately 40 square feet per gallon	
<b>ACRYLOTEX™</b>	Approximately 80 square feet per gallon	
<b>ACRYLOTHERM™</b>	Approximately 100 square feet per gallon	
<b>ACRYLOSEAL™ / ACRYLOSATIN™</b>	Approximately 100 square feet per gallon	
<b>ACRYLOSEAL™ / ACRYLOSATIN™</b>	Approximately 100 sq ft per gallon Finish	One Final Coat is Required. May be tinted.

Material Estimations are Approximate and Can Differ from Job to Job and Are Not Guaranteed to be Correct Due to Many Variables.

#### WARRANTY CONFORMANCE:

A Warranty Registration Certificate Form Must Be Submitted within 90 days of Completed Application. Confirm Specific Minimum Acceptable Product Spread & Usage Rates for Warranties stated on the Warranty Registration Certificate Form. Request Forms before Application of Any Coating. Warranty will be void if these criteria are not met.

#### WARRANTY TERMS:

A Limited Material Pro-Rated Warranty for Chipping, Cracking and Peeling, only, is available for all ACRYLOCOAT™ Systems.

#### GETTING STARTED:

All coatings must be stirred manually or mechanically before being used. Do not let products freeze. Do not use any of these products at temperatures below 45 degrees Fahrenheit. Apply all products to clean and dry surfaces only. Do not apply products when they will be subjected to rain or heavy dew before they have had enough time to dry (Check Product Data Sheets). Do not thin any products unless specifically mentioned within this application specification sheet.

#### **STEP #1: VISUAL INSPECTION and REPLACEMENT of DAMAGED BUILDING MATERIALS**

The substrate to be coated must be in Sound condition. Physically inspect the surface area for missing or damaged building materials. Replace and/or repair all damaged areas back to sound and solid condition.

#### **STEP #2: CLEANING AGED CONCRETE BLOCK & AGED POURED CONCRETE** (If Applicable)

High Pressure Blast entire surface with at least 1500 P.S.I. of pressure using a water and chlorine solution (approximately 1 quart chlorine to 5 gallons of water). Thoroughly remove all dirt, oil, grease, residues, mold, mildew, algae and any other surface contaminants. Severe mildew requires a stronger concentration of chlorine. When completely cleaned, rinse with water only. Let surface dry at least 12 hours before continuing.

#### **STEP #3: SEALING NEW CEMENTITIOUS SURFACES** (If Applicable)

Apply **ACRYLOLOCK™** Surface Conditioner and Sealer over new concrete joints, new concrete block, and new poured concrete walls to seal high pH (pH of 13 or less). **NEW CONCRETE MUST AGE A MINIMUM OF 7 DAYS** prior to the application of **ACRYLOLOCK™**. Allow **ACRYLOLOCK™** to dry at least 4 hours before continuing.

#### **STEP #4: REPAIRING SURFACE AND PATCHING IMPERFECTIONS**

Using a small chisel or similar tool, remove any "High points" between mortar joints and/or splatter on the concrete. Apply **ACRYLOPRIME™** to all areas requiring patching and allow to dry for 12 hours. Using a trowel, apply **ACRYLOPATCH™** into any fractures, holes, and imperfections, and fill-in mortar joints, etc. until a smooth finish is achieved. Allow **ACRYLOPATCH™** to dry at least 12 hours before continuing.

NOTE: **ACRYLOPATCH™** allows minimal shrinkage, but the thicker it is applied, the more it will shrink. Evaluate after 12 hours to determine if additional **ACRYLOPATCH™** is required.

In Any Event Nationwide Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



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NATIONWIDE CHEMICAL COATING MFRS., INC. • 7106 24<sup>th</sup> Court East • Sarasota, Florida 34243 • U.S.A.

#### **STEP #5: PRIME COAT**

Apply **ACRYLOPRIME™** - Using a brush, a roller with a minimum one-inch nap or sprayer, apply the **ACRYLOPRIME™** at a rate of 150 - 200 square feet per gallon covering the entire surface to a wet film thickness of 5 mils. Allow **ACRYLOPRIME™** to dry at least 12 hours before continuing.

#### **STEP #6: TEXTURE COAT**

**OPTION 1). ACRYLOSTUK™** - The entire surface must be clean and free of all moisture. Be certain the entire surface has been primed. Using a trowel, apply **ACRYLOSTUK™** at a rate of approximately 28 - 32 square feet per gallon over the substrate. Water may be added, (small amounts at a time) to obtain the desired application consistency. Do not exceed ten ounces per 5-gallon pail. Place a metal or plastic trowel flat and directly on the freshly applied **ACRYLOSTUK™** and move it over the surface in a circular or "Figure eight" motion. This will "Cut" the swirl pattern into the **ACRYLOSTUK™**.

**NOTE:** It is important to "Pull the **ACRYLOSTUK™** tight" over the substrate before the pattern is cut into the surface, as it must be applied thin enough to allow the aggregate in the mix to be moved through the freshly troweled surface. Let dry at least 12 hours before continuing.

**OPTION 2). ACRYLOSAND™** - The entire surface must be clean and free of all moisture. Be certain the entire surface has been primed. Using a trowel, apply **ACRYLOSAND™** at a rate of approximately 40 - 60 square feet per gallon over the substrate. With a trowel, **ACRYLOSAND™** can produce a smooth finish as well as many other aesthetic finishes. Let dry at least 12 hours before continuing. **ACRYLOSAND™** can be sprayed with equipment as basic as a hopper gun and can produce unlimited textures simply by adjusting the air pressure and/or the size of the spray tip. This method also helps provide different knock down finishes. Water may be added, (small amounts at a time), to obtain the desired application consistency. Do not exceed ten ounces per 5-gallon pail. Let dry at least 12 hours before continuing.

**OPTION 3). ACRYLOTEX™** - The entire surface must be clean and free of all moisture. Be certain the entire surface has been primed. **ACRYLOTEX™** must be applied with spray equipment as basic as a hopper gun. Apply the coat of **ACRYLOTEX™** at a rate of approximately 75 - 100 square feet per gallon (varies from Sand to Coarse Finish) over the entire surface. Spray coating uniformly to provide an even distribution of aggregate. Let dry at least 12 hours before continuing.

**OPTION 4). ACRYLOSEAL™** - The entire surface must be clean and free of all moisture. Be certain the entire surface has been primed. Apply **ACRYLOSEAL™** with a brush, a roller with a minimum one-inch nap, or a one-gallon per minute, 3,000-psi piston type airless sprayer with a minimum tip size of .027 (Remove tip and gun filters before starting). Back roll after spraying. Apply **ACRYLOSEAL™** at a rate of approximately 100 square feet per gallon over the entire surface to a wet film thickness of 12 - 15 mils. Let dry at least 12 hours before continuing.

**OPTION 5). ACRYLOTHERM™** - The entire surface must be clean and free of all moisture. Be certain the entire surface has been primed. Apply **ACRYLOTHERM™** with a brush, a roller with a minimum one inch nap, or a one-gallon per minute, 3000 psi piston type airless sprayer with a minimum tip size of .027 (remove tip and gun filters before starting). Back roll after spraying. Apply **ACRYLOTHERM™** at a rate of approximately 100 square feet per gallon over the entire surface to a wet film thickness of 12 - 15 mils. Let dry at least 12 hours before continuing.

#### **STEP #7: FINISH/COLOR-COAT**

The entire surface must be clean and free of all moisture. Apply **ACRYLOSEAL™** or **ACRYLOSATIN™** with a brush, a roller with a minimum one-inch nap, or a one-gallon per minute, 3,000-psi piston type airless sprayer with a minimum tip size of .027 (Remove tip and gun filters before starting). Back roll after spraying. Apply **ACRYLOSEAL™** or **ACRYLOSATIN™** at a rate of approximately 100 square feet per gallon over entire surface to a wet film thickness of 12 - 15 mils. Let dry 24 hours before your Final Evaluation.

#### **STEP #8: FINAL EVALUATIONS**

At this time a detailed evaluation of the completed job will determine the quality of the workmanship and whether strict application specifications have been met. The entire surface must be completely coated & sealed. Be sure to check that all areas are completely coated and sealed under permanently placed items such as gutters, fascia, shutters, etc. If evaluation determines there are application deficiencies, calculate how much material will be required and correct. Re-evaluate after corrections have been made.

*In Any Event Nationwide Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.*

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