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# PRODUCT SPECIFICATION SHEET

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## 1. PRODUCT NAME

### DURUS<sup>®</sup> Cement Wash Basecoat

## 2. MANUFACTURER

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## 3. PRODUCT DESCRIPTION

**Basic Use:** DURUS<sup>®</sup> Cement Wash Basecoat is a prepackaged cementitious mix that is used to patch minor discrepancies found on poured-in-place, precast, and other vertical concrete surfaces with a minimum amount of sagging and shrinkage. DURUS<sup>®</sup> Cement Wash Basecoat can be used to patch voids and imperfections between 1/8" to 0" (3.175 mm to 0 mm). Because thickness confirmation cannot be controlled during use, spray all surfaces with DURUS<sup>®</sup> Primer to enhance bonding of the DURUS<sup>®</sup> Cement Wash Basecoat.

**Composition and Materials:** DURUS<sup>®</sup> Cement Wash Basecoat is a precisely proportioned, ready-to-use material that is packaged with two parts. Part I consists of a modified acrylic liquid. Part II consists of a dry mixture of sand and cement.

**Limitations:** The use of any type of additive, admixture or modifier should not be used with DURUS<sup>®</sup> Cement Wash Basecoat, unless recommended and approved in writing by Durus International Corporation. DURUS<sup>®</sup> Cement Wash Basecoat should not be used to address surface voids and imperfections beyond 1/8" (3.175 mm) thickness. Do not apply over wet concrete or where water vapor is being transmitted through the concrete. Make sure prepared surface is dry enough to accept the DURUS<sup>®</sup> Cement Wash Basecoat. New concrete should be at least 7 days old before any DURUS<sup>®</sup> Cement Wash Basecoat is applied. Substrate temperature should be no lower than 40°F (4.4°C) during application, lower temperatures may cause longer setting time. If rain is anticipated before initial set can occur, the use of this product should not be permitted. Adequate precautions shall be taken to protect freshly applied DURUS<sup>®</sup> Cement Wash Basecoat from sudden, unexpected rain or other disturbances. This product will accept most paints after 7 days of curing.

**Precautions:** Contents include Portland cement, silica sand and acrylic. Avoid breathing dust from dry mixture. Contains silica dust that can be harmful to your health if inhaled. Avoid contact with eyes and extended contact with skin. If material comes in contact with eyes, flush with water repeatedly and contact physician immediately. For further information, see DURUS<sup>®</sup> Cement Basecoat Wash Material Safety Data Sheet (MSDS).

## 4. INSTALLATION

**Surface Preparation:** To assure the strongest possible bond, substrate must be sound, free of all contaminants such as curing compounds, oil, dust, paint, efflorescence, and other foreign matter. Remove all loose, chipped, spalled, honeycombed, or contaminated concrete. All surface discrepancies beyond 1/8" (3.175 mm) in depth should first be filled with the appropriate DURUS<sup>®</sup> brand patching material, depending on job requirement and condition. Preparation may involve acid etching, power washing, sandblasting, grinding, or other methods.

Apply DURUS<sup>®</sup> Primer to enhance bonding, water resistance and workability of the DURUS<sup>®</sup> High Tech Cement products. Allow to dry tacky before applying DURUS<sup>®</sup> Cement Wash Basecoat.

### **Mixing Instructions:**

**15 lb. (6.8 kg) Pail:** Open the two-gallon (7.57 L) size pail. One pint (.47 L) size bottle of chemical is packaged in this container. Remove bottle of chemical and pour entire contents of bottle into a clean two-gallon (7.57 L) size pail. Utilizing the now empty bottle, fill it with cool, drinkable (potable) water and add to the chemical. Add the dry mix to the wet mixture. Mix entire contents thoroughly with a mason's margin trowel, making sure that all of the dry mix is saturated evenly throughout. Additional water may be added at this time to achieve the desired working consistency.

**40 lb. (18.14 kg) Pail:** Open the five-gallon (18.92 L) size pail. One half-gallon (1.89 L) size bottle of chemical is packaged in this container. Remove bottle of chemical and pour entire contents of bottle into a clean five-gallon (18.92 L) size pail. Utilizing the now empty bottle, fill it with cool, drinkable (potable) water and add to the chemical. Add the dry mix to the wet mixture. Mix entire contents thoroughly with a Jiffy-type mixing paddle attached to a drill, making sure that all of the dry mix is saturated evenly throughout. Additional water may be added at this time to achieve the desired working consistency.

All mixing equipment should be cleaned immediately to prevent product build-up.

**Placement Procedures:** DURUS® Primer should be applied to the surface prior to the application of DURUS® Cement Wash Basecoat. This material should only be applied by skilled craftsmen with the use of a mason's steel trowel. If other finishes are desired by architect or engineer, contact your authorized DURUS® representative.

**Curing:** Curing time for DURUS® Cement Wash Basecoat is approximately 24 to 48 hours at 85°F (29.4°C), but may vary depending on temperature and other climatic conditions. Initial set time is two hours. DURUS® Cement Wash Basecoat is moisture and temperature sensitive and will cure accordingly.

## **5. PACKAGING & COVERAGE**

**Packaging:** DURUS® Cement Wash Basecoat is packaged in two different sizes. The 15 lb. (6.8 kg) net weight unit comes packaged in a two-gallon (7.57 L) plastic bucket with one pint (.47 L) size plastic bottle of modified acrylic liquid. The 40 lb. (18.14 kg) net weight unit comes packaged in a five-gallon (18.92 L) plastic bucket with one half-gallon (1.89 L) plastic bottle of modified acrylic liquid. The modified acrylic liquid is enclosed in a plastic bottle to keep separate until mixing.

**Coverage:** Each 15 lb. (6.8 kg) unit of DURUS® Cement Wash Basecoat will cover 30 to 45 sq. ft. (2.78 to 4.18 sq. M) at approximately 1/16" (1.58 mm) thickness. Each 40 lb. (18.14 kg) unit will cover 80 to 120 sq. ft. (7.43 to 11.15 sq. M) at approximately 1/16" (1.58 mm) thickness. Coverage may vary depending on surface condition and applicator's technique.

## **6. WARRANTY**

Durus International Corporation warrants that DURUS® Cement Wash Basecoat manufactured by it shall be free from material defects. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. DURUS INTERNATIONAL CORPORATION MAKES NO WARRANTY AS TO MERCHANTABILITY OR FOR FITNESS OF PURPOSE. Should the DURUS® Cement Wash Basecoat be proven defective, the liability to Durus International Corporation shall be solely limited to the replacement of the material proven to be defective (material only, no labor). The replacement of the DURUS® Cement Wash Basecoat shall be the exclusive remedy. Durus International Corporation shall not be liable for any consequential damages. User shall determine the suitability of the product for its intended use and shall assume all risks and liability in connection therewith.

## **7. MAINTENANCE**

DURUS® Cement Wash Basecoat requires no more maintenance than does regular Portland cement concrete.

## **8. TECHNICAL SERVICES**

Durus International Corporation personnel are available to provide technical assistance by contacting the Corporate Office or the Manufacturing Plant as listed in Section 2 of this document.

<p>This information is designed to guide the user and has been conscientiously compiled according to the latest state of Durus International Corporation's technology. No liability can be accepted in connection with the use of the product because of the great variety of applications, materials, and working conditions.</p>
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