

Dry-Treat, Inc.
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Note: This is a sample specification in the Construction Specifications Institute three-part format (www.csinet.org).

Section 09 97 23 Concrete and Masonry Coatings
ENHANCE-PLUS™

PART 1 – GENERAL

1.01 Summary:

A. ENHANCE-PLUS™ is a breathable semi-impregnating sealer that enriches the natural color and protects porous tile, natural stone, pavers, concrete, masonry and grout against water, water-borne salts, water-based stains, efflorescence and freeze-thaw spalling. The treatment permanently bonds to the capillary pores of the material to change its absorption characteristics. Treated indoor and outdoor surfaces become easier to clean and keep looking good for longer.

1.02 Related Sections:

- A. Section 03 01 00 Maintenance of Concrete
- B. Section 03 60 00 Grouting
- C. Section 04 01 00 Maintenance of Masonry
- D. Section 04 70 00 Manufactured Masonry
- E. Section 07 10 00 Damp proofing and Waterproofing
- F. Section 07 19 16 Silane Water Repellents
- G. Section 09 30 00 Tiling
- H. Section 09 60 00 Flooring
- I. Section 09 90 00 Painting and Coating

1.03 Submittals:

- A. Submit Field Samples per section 01 43 36.
- B. Submit independent test data available through the manufacturer.
- C. Submit a copy of the manufacturer's literature for ENHANCE-PLUS™ including a Material Safety Data Sheet.
- D. Submit a complete set of the manufacturer's application recommendations.

1.04 Quality Assurance:

- A. Manufacturer Qualifications: Company specializing in manufacturing the products of this section with minimum ten years documented experience.
- B. Installer Qualifications: Company specializing in performing the work of this section with minimum two years documented experience.
- C. Mock-up: Apply a sample at project site as directed according to manufacturer's recommendations. During application of sample, note the rate of product use and result. After 14 days, test for stain resistance using likely contaminants e.g. coffee. Test for depth of impregnation by treating a sample at the proposed application rate. After 7 days split the sample

diametrically and spray the split face with a water-based fugitive dye. The area not absorbing dye indicates the zone of treatment. The minimum distance from the interface of the dyed face must be recorded. This distance must be deemed to be the depth of penetration of the applied treatment. Deliver to Owner's Representative a copy of the manufacturer's recommendations, together with a report of coverage rate and stain resistance of sample. Sample will be reviewed by the Owner's Representative and, if approved, shall become the criteria for acceptance of work.

- 1.05 Handling of Product:
 - A. Deliver materials to job site in undamaged, original containers with labels intact and legible.
 - B. Store materials protected and covered at temperatures not exceeding 95°F (35°C) or below 40°F (5°C).
 - C. Store product tightly capped in its original container in upright position.

- 1.06 Project Environmental Conditions:
 - A. Substrate surface temperatures shall be above 40°F (5°C) and below 95°F (35°C).
 - B. Use only in well ventilated areas.
 - C. Use a positive pressure respirator if ventilation is inadequate. Vapor is harmful to health with prolonged exposure. Keep away from sources of ignition. No smoking.
 - D. Wear suitable solvent resistant gloves, protective clothing, safety goggles and an organic vapour respirator during application.

- 1.07 Warranty:
 - A. A 5 Year Performance Warranty is offered when ENHANCE-PLUS™ is applied by a Dry-Treat Accredited Applicator and the surface is maintained regularly, as outlined in the Dry-Treat warranty document.
 - B. Satisfaction guaranteed. If not completely satisfied with this product's performance, when used as directed, contact Dry-Treat for exclusive remedy of either refund of purchase price or replacement of product upon return of unused portion with proof of purchase within one year of purchase. Determining suitability of product for any intended purpose shall be solely the responsibility of the user. There are no warranties, express or implied, including those of merchantability or fitness for particular purpose, which extend beyond the description on this label.

PART 2 – PRODUCT

- 2.01 Materials:
 - A. ENHANCE-PLUS™ by Dry-Treat Inc. 1104 Philadelphia Pike Wilmington DE 19809, USA; www.drytreat.com; info@drytreat.com.
 - B. Substitutions: Not permitted.

PART 3 – EXECUTION

- 3.01 Examination:

- A. Inspect surface for cleanliness and treat as necessary to remove grease, oil, and other contaminants which will prevent from penetrating.
- B. Surface shall be sound, thoroughly clean, and free of existing sealers or coatings that may prevent the sealer from penetrating.
- C. Allow newly grouted installations to cure a minimum of 48 hours.

3.02 Preparation:

- A. When applying sealer, strong cross-ventilation and air movement shall be provided.
- B. Ensure surface is clean and dry.

3.03 Application:

- A. Do not dilute ENHANCE-PLUS™.
- B. Generously saturate the surface with ENHANCE-PLUS™ using a low pressure hand spray, clean brush or lamb's wool applicator. Surface should have a mirror like 'wet' look for 3-5 seconds.
- C. Total application rate is approximately one litre per five to 10 square metres, depending on surface absorption.
- D. Allow 30 minutes for product to penetrate surface, then polish with a clean dry white cloth to remove excess product, moistening cloth with ENHANCE-PLUS™ to ease polishing.
- E. Apply additional applications if a darker appearance is required, waiting a minimum of 24 hours between coats.
- F. Use an organic solvent e.g. methylated spirits to clean equipment.
- G. ENHANCE-PLUS™ will resist but not prevent surface acid etching or wear and may lighten or darken and change the level of gloss of some surfaces.
- H. ENHANCE-PLUS™ may be applied over a surface that has been treated with a Dry-Treat impregnating sealer 24 hours after the treatment and has been scrubbed with a scotch-brite pad, or similar.
- I. Do not allow ENHANCE-PLUS™ to come in contact with any non-recommended surface.

3.04 Protection:

- A. Ready for light surface traffic in 24 hours.
- B. Allow a minimum of 24 hours drying time between coats.
- C. Keep area dry for at least 12 hours.
- D. Achieves a full cure in 14 days.

3.05 Maintenance:

- A. Dry-Treat's S-P CLEANER or neutral pH cleaner in warm water and a soft cloth or mop is recommended for routine cleaning.
- B. Sealer is affected by solvent strippers and aggressive chemicals.
- C. Expected wear will vary depending on hardness and texture of surface, type of area, surface wear, frequency and type of maintenance products used. The expected wear is 5 years. Extreme weather conditions, harsh cleaning methods and high-alkaline or high-acid or solvent-based cleaners will affect wear.

3.06 Coverage:

- A. Approximately total of 50 to 100 sq. ft. (5 sq.m. to 10 sq.m.) per quart (946 mL).
- B. Coverage will vary depending on type of surface, porosity and texture of surface, temperature, humidity and method of application.

END OF SECTION