

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
OLE-REPELLA™

PART 1 – GENERAL

1.01 Summary:

- A. OLE-REPELLA™ is an invisible and breathable impregnating sealer that protects porous tile, natural stone, pavers, concrete, masonry and grout against water, water-borne salts and oil-based stains. The treatment changes its absorption characteristics of the material. Treated indoor and outdoor surfaces become easier to clean and keep looking good for longer.

1.02 Related Sections:

- A. Section 03 60 00 Grouting
- B. Section 04 01 00 Maintenance of Masonry
- C. Section 04 70 00 Manufactured Masonry
- D. Section 09 30 00 Tiling
- E. Section 09 60 00 Flooring
- F. 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 OLE-REPELLA™ 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 7 days, test for stain resistance using likely contaminants e.g. olive oil. 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. Do not take internally. Avoid contact with eyes and skin. Avoid inhaling vapors. Wear latex gloves and safety goggles during application. No smoking, keep away from naked lights or ignition sources. Keep container tightly sealed in a cool, well ventilated place. Use product before expiry date.
- 1.07 Warranty:
- A. 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. HANAFINN OLE-REPELLA™ is 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 OLE-REPELLA™.
 - B. Generously and evenly saturate the surface with OLE-REPELLA™ using a clean paint brush, roller or lamb's wool applicator. A sprayer can be used for very absorbent (porous) surfaces. Avoid contact with surrounding areas. For very absorbent surfaces, apply a second coat while the first coat is still wet.
 - C. Do not allow OLE-REPELLA™ to come in contact with any non-recommended surface. TEST PRODUCT ON A SMALL AREA FIRST and allow a 24-hour cure time to determine the ease of application and desired results.
 - D. Allow the sealer to penetrate for 20-30 minutes, then thoroughly polish off any excess with clean, dry cloths/towels. The cloth can be moistened with OLE-REPELLA™ to ease polishing.
 - E. Use water to clean equipment.
- 3.04 Protection:
- A. Ready for light surface traffic in 24 hours.
 - B. Keep area dry for at least 12 hours.
 - C. Achieves a full cure in 7 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 3 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 20 to 100 sq. ft. (2 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