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TIAH®

Non-Yellowing, Acrylic Sealing Compound

DESCRIPTION

TIAH acrylic concrete sealing compound is an acrylic polymer solution that dries to a transparent film, which improves abrasion resistance of the concrete. TIAH provides a tough, clear film that will not after-yellow. It also provides improved weather and stain resistance, combined with a dustproof sealer.

USES

TIAH is used on driveways, patios, industrial floors, loading docks, swimming pool areas, and exposed aggregate, as well as any exterior surface where protection and sealing of concrete is desired. TIAH offers improved resistance to rain, sun, freezing temperatures, stains, most acids and industrial chemicals, oil, grease, de-icing salts, cleaning agents (except aromatic solvents), and caustics, as well as airborne soot, dust, and other pollutants. TIAH is to be used on existing concrete (not freshly placed) as a sealer, or in combination with the CS-309™ line of curing and sealing compounds from W. R. MEADOWS, to create a complete flooring system.

FEATURES/BENEFITS

- Applies easily ... dries to the touch in 30 - 60 minutes.
- Provides a clear, tough, easy-to-clean film, which improves abrasion and stain resistance.
- Offers improved resistance to rain, sun, freezing temperatures, most acids and industrial chemicals, oil, grease, de-icing salts, cleaning agents (except aromatic solvents), caustics, airborne soot, dust, and other pollutants.
- Offers excellent foot or vehicular traffic wearing qualities.
- Recoat after thorough surface cleaning to restore original beauty.
- Dried film is USDA accepted.
- VOC compliant ... meets U.S. EPA Architectural Coatings Rule requirements.

PACKAGING

1 Gallon Cans (4 per Carton)
5 Gallon Pails
55 Gallon Drums

COVERAGE

300 - 600 ft.²/gal., depending on surface finish. Coverage may vary due to porosity and condition of the concrete.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F, shelf life is two years from date of manufacture.

SPECIFICATIONS

- Dried film is USDA accepted
- Complies with U.S. EPA maximum allowable VOC requirements.

TECHNICAL DATA

VOC Content: 394 g/L

APPLICATION

Surface Preparation ... Concrete surface must be clean and dry with all stains, oil, grease, dust, dirt, and curing compounds removed prior to application. ULTRITE® DEGREASER from W. R. MEADOWS is recommended for cleaning. Concrete should be a minimum of 14 days old prior to application.

Application Method ... Use a sprayer or short-nap roller to apply a uniform film. Avoid puddling in low areas. If puddles occur, brush or roll them out. A standard industrial-grade sprayer, such as a Chapin 19069, equipped with Viton fittings, a 0.5 GPM nozzle, and fan spray pattern, is recommended.

Apply product as soon as all surface water has disappeared and the concrete surface will not be marred by walking workmen. Apply over the entire surface; avoid puddling in low areas.

CONTINUED ON THE REVERSE SIDE...

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For full application guidelines, please visit <http://www.wrmeadows.com/vocapp/>.

Mixing ... For optimum performance, gentle mixing or agitation is recommended. CAUTION: TO AVOID FOAMING, DO NOT MIX EXCESSIVELY.

Drying Time ... Product dries quickly. Drying times will vary depending on application rate, temperature, humidity, and project conditions. Restrict foot traffic for at least four hours. Twelve hours is preferable.

Cleanup ... Clean tools after use with a solvent such as xylene, toluene or SEALTIGHT CLEANER from W. R. MEADOWS.

PRECAUTIONS

Coating is to be applied without dilution or thinning. For exterior application only. Surfaces treated with TIAH may become slippery under certain conditions.

Product should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble, and/or turn white (blush). Surface temperature of the concrete must be between 40° - 90° F.

Product should not be applied to concrete exposed to excessive moisture. Entrapped moisture in a solvent-based sealer may cause the film to peel and/or turn white (blush). Over application may result in the finished film appearing hazy or white.

Product may be used on colored concrete, but mottling may occur. Do not use on dense or non-porous surfaces, i.e. brick, stone, etc. Concrete containing calcium chloride will remain dark longer when treated with this product. Concrete floors properly cured with this product meet section 8.9 "Adhesion of Tile Cements" of ASTM C 1315. For other specifications, secure the approval of the paint or resilient flooring

manufacturer before applying this product. Refer to safety data sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:

- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most current data sheet, further LEED information, and SDS, visit www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control

over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.