LIFE SPECIALTY COATINGS Est. 1963

WATERPROOFING TECHNICAL DATA SHEET

1589 Cement Modifier

Cements & Modifiers.

DESCRIPTION

Life Specialty Coatings 1589 is a high-solids acrylic-polymer cement modifier; when added to LSC LD-1, LD-2, LD-3, LD-5 will provide increased strength, waterproofing, flexibility, stain resistance, and enhanced adhesion to the cement-based products. In addition, 1589 resin is designed to absorb into the Fiberlath (LDFLTH) or 3/4 oz chop strand fiberglass mat and provide excellent adhesion to the substrate or prime coat when installing the LSC MC or AL-Flex Waterproofing Systems.

FEATURES & BENEFITS

ADVANTAGES WHEN ADDED TO CEMENT PRODUCTS

- Increases strength and psi
- Water based, user friendly
- Extends optimum working time
- Provides flexibility
- Allows cement products to be feathered
- Improves freeze-thaw stability
- Increases adhesion to concrete surfaces
- Helps to waterproof and increase water resistance

USES

1589 is primarily used as an additive to the Life Specialty Coatings cement and fiber reinforcing membranes so that they can be used to help waterproof decks, resurface and patch concrete, and for a variety of exterior decorative concrete treatments. Please read the complete system information sheets on Life Specialty Coatings Waterproofing and Overlay Systems if choosing to apply these systems.

PACKAGING

- 1- Gallon Pails
- 5 - Gallon Pails

DIRECTIONS:

PERFORMANCE SUPERIORITY :Test results from 100% Acrylic Modifiers vs unmodified air-cured concrete have shown significant improvements in adhesion and strength.

- Flexural Strength: 160% higher
- Bond Strength 1200% higher

100% acrylic modifiers replace the amount of water used in the formulations of concrete, stucco and underlayments, grouts, thin set mortars, and other products. The proper amount of modifier depends upon the performance requirements. Always refer to specification guidelines.

DECK PREPARATION: Be sure the surface is clean, dry, and free of grease, paint, oil, dust or curing agents. Concrete should be cured a minimum of 30 days prior to installation. Seal all cracks in concrete or magnesite with a Life Specialty Coatings approved caulk or LD-10 Cement. Refer to the Life Specialty Coatings Life Deck System installation sheets for more details for your specific project.

MILDEW:

DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. Rinse thoroughly. Seen precautions on bleach label for handling before using.

DIRECTIONS

APPLICATION SPECIFICS:

Important weather guidelines:

- Best to apply on warm, clear, sunny days.
- Do not apply under foggy conditions or late in the day.
- Do not apply when rain is forecast within 48 hours.
- Do not apply if temperatures are expected to drop below 50°F within 24 hours.

FIBERGLASS/BASE COAT RESIN

Apply the 1589 40-45 square feet per gallon into the Fiberlath (LDFLTH) or 3/4 oz chipped strand fiberglass mat with a roller or trowel. Allow to dry overnight before installation of the following step.

CLEAN-UP: Warm soapy water. Cured material must be cut out and/or scraped.

THINNING: Do not thin.

DRYING TIME: 2-6 hours depending on weather conditions. Cool temperatures or high humidity will slow dry time.

IMPORTANT: PLEASE READ COMPLETE LIFE SPECIALTY COATINGS MC AND/OR AL-FLEX PRODUCT SPECIFICATION BEFORE BEGINNING PROJECT. A LIFE SPECIALTY COATINGS MC SYSTEM INSTRUCTIONAL VIDEO IS AVAILABLE ONLINE.

DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LIFE PAINT makes no claim that these tests or any other tests, accurately represent all environments.

Warranty: When the warranted product is applied in accordance with this technical data sheet, label instructions and common sense widely accepted painting practice and procedures, Life Specialty Coatings will warrant said product against manufacturing defects that might cause premature failure such as blistering, peeling, or unusual wear. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. In the event of a warranted failure and upon the presentation of proof of purchase, the remedy will be the provision price for said product. This warranty does not include labor or the costs associated with labor. This warranty may not be transferred or assigned and extends specific legal rights which may vary from state-to-state. No other warrantee is expressed or implied. Life Specialty Coatings Company, Santa Fe Springs, CA (562)944-6391