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|-------------------------------|---|---|
| <b>NAME</b>                   | <b>Blockade Finisher</b>  |  |
| <b>TYPE</b>                   | <b>One-Component<br/>Cementitious Waterproof Coating<br/>For Concrete and Masonry</b>   |   |
| <b>APPLICATION METHOD</b>     | Trowel or spray applied   |   |
| <b>PRODUCT OVERVIEW</b>       | Blockade Finisher is a portland cement based decorative finish material designed for application over portland cement and masonry surfaces. It provides an ideal finish coat to brown coat or surfaces treated with Merlex Super Blockade. It is a proprietary formulation of portland cements, graded aggregates and chemical additives. The correct amount of co-polymer powder is premixed in the bag, so only water is required to achieve consistent waterproofing. If your prefer to color Blockade Finisher, it will achieve its own variance of color.  |   |
| <b>BENEFITS</b>               | <ul style="list-style-type: none"><li>■ Serves as decorative colored surface as it protects, allowing textures such as sand float finish, Spanish lace, machine dash and knock downs.</li><li>■ Maximum protection against leakage caused by moisture saturation.</li><li>■ Prevents moisture damage such as efflorescence, spalling, crumbling, and discoloration.</li><li>■ Mixes easily with mechanical mixer at slow speed.</li><li>■ Single component, mixes easily with water only.</li><li>■ Apply by hand or machine.</li><li>■ Long term protection.</li><li>■ Non-toxic, VOC compliant.</li></ul> |   |
| <b>PLACEMENT</b>              | Blockade Finisher may be applied above or below grade. One coat is recommended for the positive (source of moisture) side, or two coats for the negative side.  |   |
| <b>SUBSTRATES</b>             | It is effective on plaster brown coat, concrete block, poured-in-place concrete, precast concrete, tilt-up walls, brick and stone after Blockade or Super Blockade parge coat.  |   |
| <b>EXAMPLES OF USE</b>        | Recommended for use as a waterproofing for traditional stucco systems, decorating and protecting precast concrete, cement plastered walls, concrete foundations, block walls, brick structures, and any other concrete, cement or masonry surface subject to damage from moisture.  |   |
| <b>COMPONENTS AND STORAGE</b> | Available in 90 lb. (40.86 kg) bags, in white, oyster or gray. Merlex Add-A-Paks may be added to achieve a wide range of designer colors. See the Merlex Stucco color chart. Blockade Finisher must be kept in dry storage area. Shelf life is one year properly stored.  |   |
| <b>COVERAGE</b>               | Varies with surface porosity, texture and application thickness.<br><b>Trowel applied</b> at 3/16" (4.55 mm) thickness - over concrete: 6-10 lbs. per sq. yd.(2.3 to 3.8 kg/m <sup>2</sup> ) Over cement block: 12-16 lbs. per sq. yd. (4.6 to 6 kg/m <sup>2</sup> ).<br><b>Spray applied</b> over concrete: 6-10 lbs. per sq. yd. Over cement block: 10-16 lbs. per sq. yd. (3.8 to 6 kg/m <sup>2</sup> ).   |   |
| <b>SURFACE PREPARATION</b>    | All receiving surfaces must be structurally sound, clean, free of dust, dirt, silicones, paint products, efflorescence or any other contaminant which could hinder bonding ability. Allow new cement and masonry surfaces to fully cure (approximately 28 days) prior to application. Surface cracks, holes or voids should be repaired. Smooth or painted surfaces must be cleaned in an abrasive manner (high pressure water blast, scraping, sanding or sandblasting) to open surface pores and allow for a good bond.   |   |
| <b>MIXING</b>                 | Approximately 2 gallons (7.5 ltr) of clean potable water are required for each 90 lb. (40.86 kg) bag of Blockade Finisher. It must be mechanically mixed at slow speed to produce a workable consistency suitable to your method of application.  |   |

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 Division 9 Special Coatings

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**APPLICATION**

Blockade Finisher should be applied to an approximate thickness of 3/16" (4.5 mm).

**Trowel:** Evenly wet substrate with clean water to control suction. Using the hawk and trowel method, apply finisher evenly to the substrate with enough pressure to ensure tight contact. Immediately double back with a second coat. When material has sufficiently taken up it may be floated or textured according to the desired finish. When covering surface defects such as grout lines, patches, or other conditions which may cause variation in suction, allow the first coat to cure for 5 days before applying the second coat.

**Spray or machine:** Two coats are necessary. Apply the first coat over a dry surface to produce complete coverage. Allow to cure at least 24 hours prior to application of the second coat. Note: Use approved plaster spray equipment with maximum 150 feet of hose. Do not use high pressure or airless spray equipment.

**CLEAN UP**

Water and detergent. Clean spills and spatters before Blockade Finisher dries.

**LIMITATIONS**

Do not apply over frozen or frost filled surfaces. Do not use when ambient temperature will fall below 40° F (4° C) within 48 hours after application. Do not apply to traffic bearing surfaces. Allow Blockade Finisher to cure for at least 7 days before filling spas, pools and tanks.

**WARRANTY**

Blockade Finisher Cementitious Waterproofing is warranted to perform in accordance with the product specification when used according to application instructions on the label. This warranty is limited to and shall not exceed the total amount paid by the buyer for the product. In no event will Merlex Stucco, Inc. be liable for loss of profits, special or consequential damages in respect to any claim. The foregoing warranties are in lieu of all other warranties express or implied including those concerning fitness for a particular use.

**ENVIRONMENTAL AND SAFETY**

Blockade Finisher contains portland cement and is alkaline on contact with water. May be irritating to eyes and skin. Wear appropriate dust, skin, and eye protection. In case of eye contact, flush immediately with water, consult a physician. Wash hands with soap and water after use and before eating. **Keep out of reach of children.**

**TECHNICAL DATA**

| Test                    | Method                    | Results   |
|-------------------------|---------------------------|---|
| Compressive Strength    | ASTM C-109                | 7 day: 2250 psi<br>28 day: 3800 psi   |
| Tensile Strength        | ASTM C-190                | 7 day: 280 psi<br>28 day: 400 psi   |
| Flexural Strength       | ASTM C-348-80             | 7 day: 675 psi<br>28 day: 1000 psi  |
| Water Absorption        | ANSI A118.6               | 24 hour soak: 7.85%   |
| Water Beading           |                           | Excellent   |
| Wet Abrasion Resistance |                           | Excellent   |
| Accelerated Weathering  | ASTM G-23<br>(Carbon Arc) | 2000 hours: No surface cracking, blistering, flaking, chalking, crazing, or any other deleterious effects |
| Salt Spray              | ASTM B-117                | No effect after 300 hours   |
| Freeze/Thaw             | ASTM C-67                 | 50 cycles: Passed   |
| Hydrostatic Pressure    | ASTM D-4068               | 72" limit of water<br>Manometer: No leakage   |