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SELECT-ETCH

PRODUCT DESCRIPTION

Brickform Select-Etch is a water-based surface retarder engineered to create architecturally refined sand finishes and exposed aggregate concrete. Select-Etch prevents hardening of cementitious paste to a predetermined depth, ranging from a light sand finish to full aggregate exposure. Select-Etch is ideal for use on concrete flatwork and other visible concrete surfaces.

FEATURES

- Consistent exposure & reveal
- 12 standard exposure depths
- Colored for visual coverage control
- Creates a slip-resistant surface
- Performs in hot & cold conditions
- Solvent-free; VOC compliant

COVERAGE RATES & PACKAGING

- Available in 1 gal (3.78L), 5 gal (18.92L), 55 gal (208.17L), and 264 gal (1000L) containers
- Approx. 250 to 300 ft2 (23.23 to 27.87 m2) per gal. depending on sprayer type and surface texture

STORAGE & SHELF LIFE

Store in a dry place out of direct sunlight. Keep containers tightly sealed and between 50°F (10°C) and 90°F (32°C). DO NOT allow product to freeze. Shelf life is approximately 24 months

USE & APPLICATION

PRECAUTIONS: Mockups and test applications are recommended to assure the desired performance and appearance are achieved. Select-Etch will only slow hydration at the surface from the time of application forward. Select-Etch cannot reverse hydration that occurred before application. Protect surrounding areas from overspray before applying Select-Etch.

MIX-DESIGN: The information provided in this document is based on a standard 6 sack (564 lbs/yd3) or (355 kg/m3). Aggregate to sand ratio in the concrete mix design will determine the overall exposure appearance equally to the specific depth of Select-Etch. Sand finishes will require more sand in the mix, whereas larger exposed aggregate finishes require less sand and more aggregate. Work with your local ready-mix producer to qualify the required concrete mix design. Concrete admixtures that affect set times could alter the performance of Select-Etch and should be included in job-site samples to assess overall workability and performance.

APPLICATION: Apply Select-Etch immediately after the final finishing pass. It should be applied when the air temperature is between 50°F (10°C) and 90°F (32°C). Mix thoroughly in the original container, pour through a paint strainer into a pump sprayer or HVLP sprayer. Apply evenly over the entire surface at the specified coverage rate. Make sure to achieve 100% coverage.

REMOVAL: Select-Etch can be removed when the underlying concrete has sufficiently hardened, normally ranging from 5 to 12 hours after initial placement. **Note**: When using Select-Etch in warmer temperatures it is recommended to remove the material on the same day. In cooler temperatures the surface may be washed the following day, but no longer than 24 hours. Timing and removal should be determined with the project testing and job-site samples. Use running water with a push broom, high pressure washing, or a rotary buffer with bristle attachment and water. When washing the surface to expose aggregate, it is important to dispose of the slurry in accordance with EPA and individual state environmental regulations.

CURING: DO NOT APPLY CURING AGENTS over Select-Etch. Concrete slabs treated with Select-Etch do not need to be covered with plastic or wet burlap to aid curing. During extreme hot, windy or cold weather conditions, covering the slab may be beneficial to maintain moisture consistency at the surface of the concrete.

Allow Select-Etch to become tack free before covering. The unique characteristics of Select-Etch create a polymeric film that acts as a water retention barrier until washed off and a cure/seal is applied. Brickform Cure & Seals or Sealers can be applied once the surface removal is complete and in accordance with the chosen product guidelines and surface preparation.

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COMPLIMENTARY PRODUCTS

The following Solomon Colors products may be used with Select-Etch

- E-Etch—Cleaning and etching agent. Efflorescence removal
- Neutra Clean—Cleaning and neutralizing agent. Efflorescence removal.
- Brickform Cure & Seals—early protection and curing aid.
- Brickform Sealers—long term protection and visual enhancement
- DAY1 Finishing Aid

RECOMMENDED TOOLS

- HVLP or Pump-Up Sprayer
- Swissmex Acid-Resistant Sprayers

SAFETY AND PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheet and Warranty. DO NOT TAKE INTERALLY. Avoid contact with eyes and skin. When working with or near this product, all personnel must wear MSHA-NIOSH approved respirators (refer to OSHA standards in 29 CFR 1910.134). Prolonged, unprotected exposure may result in non-reversible Silicosis or Lung Cancer. Avoid inhalation and use local exhaust to keep exposures below OSHA PEL's for silica and nuisance dusts. Avoid contact with skin and eyes. Wear rubber gloves and aprons to protect skin and wear safety eye goggles. Wash splatters from skin immediately. Use good hygiene when handling this product and wash and bathe after each use. Close containers after each use. Be sure to wash clothing after each use.

WARRANTY

This product is intended for use by licensed contractors and installers, experienced and trained in the use of these types of products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing product proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

PRODUCT	AGG. EXPOSURE	EXPOSURE DEPTH
SE-01 White	Light Acid Wash	Light Acid Wash
SE-03 Violet	Acid Wash	Acid Wash
SE-05 Light Blue	Sandblast	Sandblast
SE-15 Yellow	⅛" - ¼" (3.2-6.4 mm)	1/32" (.8 mm)
SE-25 Beige	⅛" - ¼" (3.2-6.4 mm)	1/16" (1.6 mm)
SE-50 Light Green	⅛" - ⅜" (3.2-9.5 mm)	3/32" (2.4 mm)
SE-75 Blue	⅛" - ⅜" (3-9.5 mm)	⅛" (3.2 mm)
SE-100 Gray	⅜" - ½" (9.5-12.7 mm)	5/32" (3.4 mm)
SE-125 Pink	⅜" - ⅝" (9.5-15.9 mm)	3/16" (4.8 mm)
SE-150 Green	⅜" - ⅝" (9.5-15.9 mm)	7/32" (5.6 mm)
SE-200 Salmon	⅝" - 1" (15.9-25.4 mm)	¼" (6.4 mm)
SE-250 Orange	1"- 1 ½" (25.4-38.1 mm)	9/32" (7.1 mm)

INFORMATION

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