

MISCELLANEOUS

Master Format #: 03 35 23



EUCLID CHEMICAL

CONCRETE SURFACE RETARDER

FORMULA S FOR EXPOSED AGGREGATE SURFACES

PACKAGING

- 5 gal (18.9 L) pail
Code: 080 05
- 55 gal (208 L) drum
Code: 080 55
- 1 gal (3.8 L) jugs, 6 per case
Code: 080 95

CLEAN UP

Clean tools and equipment with soap and water before the material dries.

SHELF LIFE

2 years in original, unopened package

DESCRIPTION

CONCRETE SURFACE RETARDER S is a neutral, sprayable liquid for application to freshly placed horizontal concrete surfaces. The chemical formulation retards, but does not “kill” the set of the mortar at the surface of concrete. When the underlying concrete has hardened, the retarded mortar surface can be flushed off with a stream of water and/or removed by scrubbing with a stiff brush. Since this compound does not “kill” the set, if it is left on the concrete or unintentionally splashed on other fresh concrete, it will permit the concrete to eventually attain a set and achieve full strength.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Safe to use - easy to apply
- Works quickly and effectively
- Provides up to 1/4” (6 mm) depth retardation
- Reduces cost of mechanically preparing surfaces for waterproofing, stucco or plaster application
- Etch depth can be adjusted as desired

PRIMARY APPLICATIONS

- Creation of exposed aggregate surfaces
- Decorative sidewalks and walkways
- Slip-resistant surfaces
- Formulation for horizontal surfaces

APPEARANCE

CONCRETE SURFACE RETARDER **Formula S** is a low viscosity green liquid for application directly on freshly placed horizontal concrete surfaces.

COVERAGE

Formula S: 100 to 200 ft²/gal (2.5 to 4.9 m²/L). This coverage rate will provide 1/8” to 3/16” (3.2 to 4.8 mm) of surface retardation.

TECHNICAL INFORMATION

	Formula S
Weight/gal	8.91 lb/gal (1.07 kg/L)
Solids Content	17%
VOC	≤ 5 g/L

DIRECTIONS FOR USE

Application: **CONCRETE SURFACE RETARDER Formula S** is applied to freshly placed horizontal concrete surfaces immediately after final finishing operations. It should be applied by low pressure spray and the treated surfaces then covered to prevent rapid evaporation. The retarded mortar should be flushed off with water in 12 to 24 hours after application depending upon weather conditions.

Use BROWNTONE CS to cure and seal exposed aggregate concrete to give these surfaces a subtle, earthtoned look with an attractive gloss.

PRECAUTIONS/LIMITATIONS

- For vertical applications, refer to EZ EXPOSE F
- These products are affected by environmental conditions. Warmer temperatures will allow earlier stripping of forms and earlier surface flushing, while cooler temperatures delay these procedures.
- Store in a dry place and protect from freezing.
- In all cases, consult the Safety Data Sheet before use.

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