



# AGGRESOL-F™

paste form retarder for exposing aggregate

## AGGREGATE PRODUCTS



Aggresol-F is a water soluble paste specially formulated to set the surface mortar of fresh concrete to expose aggregates in freshly placed concrete surfaces such as steps. Aggresol-F is green in color to allow for easy identification of applied areas and to ensure appropriate uniform coverage. Aggresol-F should be used to achieve architectural color, texture, and appearance without mechanical means such as sandblasting.



### Specifications / Compliances

- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

### Key Features & Typical Benefits

- Economical means of exposing aggregates without labor intensive mechanical means.
- Its ease of use and lack of need for expensive equipment make this a contractor's favorite.
- Low acidic content ensures safety of employees/applicators.
- VOC compliant for most areas in the United States and Canada.

### Recommended Applications

Effective on applications such as...

- Steps
- Walls
- Stepping Stones

### Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	N/A
Retardation Time	8 - 24 hours
Dry Time - Foot Traffic	N/A
Dry Time - Heavy Traffic	N/A
Re-Coat Time Window	N/A
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Thick, Green
Appearance - Dry	N/A

Testing in accordance with procedures outlined in EPA Method 24, "Volatile Organic Content VOC of Paints and Related Coatings". The solids content was determined in accordance with ASTM D 5095 and the VOC was calculated in accordance with ASTM D 3960.

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# Aggresol-F

## Application Instructions

**SURFACE PREP:** All finishing of surface to be exposed must be completed prior to application of paste surface retarder. Any form of finishing including mechanical floating or troweling done after application of Aggresol-F could produce irregular and excessive depths of retardation.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits, this product may not produce proper retardation and therefore dependable results may not be achieved.

**MIXING:** Stir well before using. Material may separate during long term storage.

**COVERAGE RATE:** *First Coat* : 150 ft<sup>2</sup> per gallon\*

\*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up should be avoided.

**APPLICATION:** Apply paste surface retarder at an approximate rate of 150 square feet per gallon using a masonry brush to obtain a standard depth etch of 1/8". Within 8-24 hours after application, use a low pressure garden hose and a coarse or stiff bristle broom to remove retarded surface mortar. Excessive force during removal of retarded surface mortar could undermine the exposed aggregate profile. Once exposing aggregates is complete, a solution of 10% muriatic acid and water can be used to clean exposed aggregates. If this cleaning method is used, the surface should be rinsed thoroughly with water following a 5-10 minute interaction period between solution and surface.

**CONCRETE SURFACE RETARDER Formula F** should be painted on forms without thinning in a continuous unbroken film. Forms may be coated several days in advance or in as short a time as will allow complete drying of the film. Drying time varies between one and four hours depending on weather conditions. In warm weather, forms may be stripped in one day, in cooler weather allow two to three days. Immediately after stripping remove the retarded surface mortar by flushing off with a stream of water and/or remove by scrubbing with a stiff brush. Pre-cast structural members should be stripped from their forms in their usual time and the surface mortar then removed

**PLEASE NOTE:** It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application.

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## Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- Extended drying time may cause for excessive profiling to exposed surface.
- This product is not a sealer and should not be used as a curing and sealing compound or protective coating.
- This product was designed for exposing aggregates in concrete mixes designed to exposed.
- Hot weather, accelerating admixtures, and heated concrete may reduce effectiveness of this product.
- It is not recommended to thin this product. Improper thinning may take away from products chemical properties.
- This product is expected to work well with most admixtures but it is recommended to test prior to use.
- Use only for exposing aggregate in concrete. This product has no other uses.

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**CLEAN-UP:** Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

**PRODUCT REMOVAL:** Use directions above if product is to be removed from freshly placed concrete. If applied product is not in contact with freshly placed concrete, use neutralizing solution prior to removal.

**SHELF LIFE:** Up to one year from manufacture date in its original, unopened container stored at room temperature.

**PACKAGING:** Available in 1 gallon and 5 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.