

# AGGRESOL-S

PRODUCT CODE: 002-AGLRT

## LIQUID SURFACE RETARDER FOR EXPOSING AGGREGATE

### PRODUCT DESCRIPTION

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

### BENEFITS/FEATURES

- ◆ Economical means of exposing aggregates without labor intensive mechanical means.
- ◆ It's ease of use and lack of need for expensive equipment make this a contractor's favorite.
- ◆ Low acidic content ensures safety of employees/applicators.

### RECOMMENDED APPLICATIONS

**Aggresol-S** is recommended for use on freshly placed concrete when architecturally exposing natural stones and aggregates is specified.

### TECHNICAL INFORMATION

Solids.....	0%	Wet Appearance.....	Bright Green
Retardation Time.....	8 - 24 hours	Dry Appearance.....	n/a
Re-Coat Time.....	n/a	VOC Content.....	0 g/l
Foot Traffic.....	n/a	Blush Resistance.....	n/a
Wheel Traffic.....	n/a	Solvent Resistance.....	None
Application Temp.....	40°F - 85°F	Concrete Adhesion.....	n/a

\*\*\*Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

### SPECIFICATIONS/COMPLIANCES

No specifications available. VOC and OTC Compliant.

### APPROXIMATE COVERAGE RATES

**Aggresol-S** should be applied by sprayer only at an approximate rate of 200 square feet per gallon.

\*Coverage rates vary depending upon surface porosity and texture, and application method.

### SHELF LIFE

**Aggresol-S** has a shelf life of up to two years in it's original, sealed, unopened container.

### PACKAGING

**Aggresol-S** is packaged in 1 gallon jugs, 5 gallon pails, and 55 gallon drums.

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### SURFACE KOATINGS, INC.

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AGGREGATE PRODUCTS

AGGRESOL-S

## INSTRUCTIONS FOR USE

**SURFACE PREPARATION:** All finishing of surface to be exposed must be completed prior to application of liquid surface retarder. Any form of finishing including mechanical floating or troweling done after application of Ag-gresol-S could produce irregular and excessive depths of retardation.

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F. If applied outside these limits, this product may not produce proper retardation and therefore its dependability may be ineffective.

**MIXING:** Stir material prior to use. Material may separate during long term storage.

**APPLICATION:** Be sure all surface water has dissipated and concrete has lost its sheen. Apply liquid surface retarder at an approximate rate of 200 square feet per gallon using a low pressure poly pump-up sprayer to obtain a standard depth etch of 1/8". Once entire area to be exposed is completely coated, cover area with white polyethylene sheeting or equivalent to prevent drying out.

**EXPOSING AGGREGATES:** 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.

## CLEAN-UP

Use Soap and Water. Dispose of containers in accordance with local 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.

## PRECAUTIONS AND LIMITATIONS

- ▶ **Aggresol-S** will freeze during storage at temperatures of 32° F or less. Store in area between 50° F - 85° F.
- ▶ Extended drying time may cause for excessive profiling to exposed surface.
- ▶ **Aggresol-S** is an environmentally safe product that contains no hazardous fumes nor VOC's.
- ▶ **Aggresol-S** is not a sealer and should not be used as a curing and sealing compound.
- ▶ Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- ▶ **Aggresol-S** was designed for exposing aggregates in concrete mixes designed to be exposed.
- ▶ Hot weather, accelerating admixtures, and heated concrete may reduce effectiveness of **Aggresol-S**.
- ▶ It is not recommended to thin **Aggresol-S**. Improper thinning may take away from product's chemical properties.
- ▶ **Aggresol-S** should work fine with most admixtures but it is recommended to test prior to use.

## SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 615-773-1616.

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