

SURFACE PREPARATION: 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 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.

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 aggregate 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 paste 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.

CLEAN-UP

Use warm 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

- 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.
- This product was designed for exposing aggregates in concrete mixes designed to be exposed.
- Hot weather, accelerating admixtures and heated concrete may reduce effectiveness of product.
- It is not recommended to thin this product. Improper thinning may take away from product's 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 use.

SPECIAL NOTES

Always read all technical information, label and SDS prior to use. This information can be found online at www.kingdom-products.com or by calling Customer Service at 888-824-2383. FOR PROFESSIONAL USE ONLY!