TK-CONCRETE SURFACE RETARDER
For Horizontal Exposed Aggregate
Item No. TK-600

PRODUCT DESCRIPTION
TK-CONCRETE SURFACE RETARDER is a concrete surface retarder for application to freshly placed horizontal concrete surfaces. It chemically retards, or delays, the set of the concrete to allow the top layer (known as surface mortar) to be removed revealing an attractive exposed aggregate finish.

Features:
- Removal of the surface mortar leaves behind the natural aggregate, sands and stones in the concrete to reveal a decorative aggregate finish.
- The surface is naturally durable with resistance to traffic, weather and skidding.
- Dries quickly and provides up to 1/4" depth retardation.
- Reduces costs by eliminating surface preparation necessary for subsequent coatings or methods.
- Safe for use and easy to apply.
- Non-toxic and biodegradable.

USES:
Suitable for use on horizontal concrete surfaces such as: precast panels, architectural slabs, sidewalks, curbs, ramps, patios, pool aprons, or wherever a rough-textured, non-slip decorative surface is desired. May also be used to roughen concrete surfaces for improved bonding of subsequent coatings.

APPLICATION PROCEDURES:
PREPARATION:
Use a darby during the placement of concrete as this will ensure perfect surface flatness. If necessary, seed the surface with uniformly sized pea gravel or a desired aggregate and gently tamp down with a float being careful not to force aggregate below the surface. TK Products recommends the use of TK-BRIGHT KURE & SEAL as the curing compound, as well as a second coat once the concrete has cured. Doing so will bring out a glossy "wet look" in the surface that will enhance the natural pigments of the exposed aggregate finish.

MIXING:
TK-CONCRETE SURFACE RETARDER should be stirred prior to use. Do not dilute.

APPLICATION:
Before proceeding with application, a test sample should be conducted in order to determine which of the following two application methods should be used (determination will be made based on the particular circumstances of the project):

Application Method 1 - While some surface moisture is still present, spray TK-CONCRETE SURFACE RETARDER at a rate of 150 square feet per gallon. Spray evenly and uniformly to achieve a consistent finish. Allow the product to set until the surface may be washed clean without rinsing away any of the aggregate or creating surface imperfections (usually within 3-4 hours at 70°F). Immediately scrub any remaining cement residue using a soft bristle brush and rinse with water.

Application Method 2 - While some surface moisture is still present, spray TK-CONCRETE SURFACE RETARDER at a rate of 150 square feet per gallon. Spray evenly and uniformly to achieve a consistent finish. Cover the surface with polyethylene plastic and allow to sit overnight. The surface should be washed immediately the following morning. Immediately scrub any remaining cement residue using a soft bristle brush and rinse with water.

CLEAN UP:
Clean tools and equipment with water before the material dries.

COVERAGE:
Typical coverage rate is 150 square feet per gallon. Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

LIMITATIONS:
- It is essential that TK-CONCRETE SURFACE RETARDER be applied uniformly in order to obtain uniform results.
- Concrete admixtures which will affect the setting time should not be used without applying a sample section and checking for compatibility first.
- Concrete slabs should not be mechanically troweled.
- Do not use mechanical equipment to tamp the seeded aggregate as this will force it deep into the concrete.

FIRST AID:
- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:
TK-CONCRETE SURFACE RETARDER is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaged in 55-gallon drums, 5-gallon pails and 1-gallon cans.

FOR PROFESSIONAL USE ONLY
CONDITIONS OF SALE/ LIMITED WARRANTY

TK Products, division of the Sierra Corporation, warrants that its products conform to the label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of TK Products’ product by others and other factors affecting product performance are beyond TK Products’ control, TK Products does not guarantee the results to be obtained. There are no warranties except as stated herein, either express or implied, including implied warranties of merchantability or fitness for a particular purpose. SHOULD ANY TK PRODUCTS’ PRODUCT FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCT, OR AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF TK PRODUCTS’ PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED DAMAGES IN CASE OF LOSS. UNDER NO CIRCUMSTANCES SHALL THE BUYER BE ENTITLED TO ANY OTHER REMEDY OR DAMAGES. REMEDIES FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. TK Products does not authorize any person to assume for it any other liability in connection with the sale or use of its products unless specifically authorized by TK Products in writing.

TK DISCLAIMER:

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field tests by government and private agencies, as well as lab tests, and on technical data from raw material manufacturers. The person(s) specifying or requesting the use of these products is responsible for assuring their suitability for a specific use, as well as the proper application of the products. Where there is any question as to the suitability of a particular product, a small test patch is recommended. See also CONDITIONS OF SALE/ LIMITED WARRANTY (Section 7) above.