

TK-1023 CONCRETE ICE RINK SEALER



**TK
PRODUCTS**

Technical Data

Division of Sierra Corporation

1. PRODUCT NAME

TK-1023 CONCRETE ICE RINK SEALER

2. MANUFACTURER

TK PRODUCTS, DIVISION OF
SIERRA CORPORATION
11400 West 47th Street
Minnetonka, MN 55343
612-938-7223

3. PRODUCT DESCRIPTION

TK-1023 is a high solids Clear, White or TV Blue pigmented acrylic, sealing and hardening compound for existing concrete. It helps seal the concrete, filling the pores and hairline crazing. By sealing the surface you can help prevent water infiltration, a leading cause of refrigeration pipe breakdown. When using the White or TV Blue pigmented TK-1023 you alleviate the need for coloring your ice.

Composition and Materials:

A blend of 100% methacrylate polymers and color pigments in a fast drying solvent. No fillers are used and no oils, waxes or saponifiable resins are contained in the mixture.

Limitations:

Apply in temperatures above 40 degrees F. Material will not freeze; can be stored outdoors in cold weather, however, must be allowed to warm to approx. 50 degrees F before using.

4. APPLICATION PROCEDURE AND INSTRUCTIONS

Preparation:

Floor must be thoroughly clean and dry. All soap residue must be

removed. Do not use sweeping compound that could leave an oily residue behind. Do not use over a silicone based sealer. Place a test section (see below) if previous applications are unknown. For optimum performance and appearance, a new coat should be applied between 3-5 days before refrigeration, with no further activity allowed in treated area.

Test Application:

Before applying this product a determination should be made regarding the compatibility of it with other curing/sealing compounds that may have been used in the past. Also, the density or the porosity of the concrete will affect the adhesion of it. To determine the compatibility and adhesion of this product, a pint of material is provided to you at no charge. Apply the sample with a brush to a clean dry area approx. one square foot. Allow the material to dry for 3 days. If there is a compatibility problem the material will separate almost immediately. After 72 hours make a tic tac toe design (#) in the coating with a sharp knife. Apply a piece of masking tape and immediately pull it off. If the coat stays intact on the floor, the rink has the porosity to accept the coating. If it pulls loose with the tape, your floor is most likely too hard (dense) to properly accept the material. If this is the case, a simple method of etching the concrete with a very mild solution of Muriatic Acid (8 parts water - 1 part Muriatic Acid) and a thorough fresh water rinse will open the pores of the concrete to accept the coating. IF YOU HAVE

ANY QUESTIONS ON APPLICATION DO NOT CONTINUE. Call TK Products, Division of Sierra Corporation at (612) 938-7223.

Application Methods:

Roll or spray. Spray equipment should be equipped with neoprene hoses and gaskets, (sprayers are available through TK Products). Wide paint rollers may be used for rolling on material. First coat must be dry before applying second coat (8 - 12 hours depending on ventilation). If rolling second coat, spread material evenly and roll immediately. Do not puddle.

This product is not intended for high traffic or abusive use, ie roller skating, floor hockey, etc. IF ANY TYPE OF MAT IS TO BE USED OVER THIS PRODUCT, CONSULT YOUR TK/SIERRA DISTRIBUTOR FOR DETAILS.

Coverage:

The purpose of this product is to satisfy the porosity of the surface, therefore coverage rates may vary depending on the porosity of the concrete surface.

1ST. COAT: 100-200 SFPG
2ND. COAT: 200-300 SFPG

Dry Time:

30 Minutes tack free, one hour open to traffic. For optimum performance and appearance, the second coat should be applied 3 to 5 days before refrigeration, with no further activity allowed in the treated area.



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TK-1023 CONCRETE RINK SEALER
Sealing-Dustproofing

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Exhibit 1-A

