



# PRODUCTS

Division of Sierra Corporation

# BRIGHT SEAL WB

## Meets Federal EPA's VOC Requirements

## Technical Data

BRIGHT SEAL WB  
Sealing Compound

TK  
PRODUCTS  
3, 7 & 9

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### 1. PRODUCT NAME

BRIGHT SEAL WB

### 2. MANUFACTURER

TK PRODUCTS, DIVISION  
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### 3. PRODUCT DESCRIPTION

BRIGHT SEAL WB is 100% acrylic waterborne high solids, premier acrylic sealer for use on new or existing concrete. BRIGHT SEAL WB is the only water based sealer that can bring out the wet look in the substrate. It needs to be applied to a clean dry substrate. It is designed to be used where the solvent based BRIGHT SEAL is not tolerated. (i.e.: interior concrete floors, pavers, burnished block, exposed aggregate, etc.) The solvent content is low enough to pass all V.O.C. compliance laws.

BRIGHT SEAL WB is formulated to seal, protect and dustproof concrete block as well as to seal many types of porous tile and resilient floors.

BRIGHT SEAL WB is designed for both interior and limited exterior applications. It is particularly recommended for indoor work in public buildings and housing (hospital, restaurants and private residences where solvent systems are difficult to use). The translucent solution dries clear and provides a dust free surface.

BRIGHT SEAL WB provides maximum hardness to the concrete and traffic abrasion resistance. These products are compatible with most tile and carpet adhesives. However, it is always recommended to conduct a small test application to insure proper adhesion and compatibility.

#### Uses:

Institutional, industrial, commercial and residential construction of floors, walls, columns. i.e.: schools, apartment complexes, hospitals, office buildings.

BRIGHT SEAL WB CCS is BRIGHT SEAL WB formulated with concrete colored pigments. It is to be used where there are blemishes to be covered up, or a uniform color on the substrate is desired.

### 4. TECHNICAL DATA

#### Composition and Material:

BRIGHT SEAL WB is formulated of fine quality, extremely hard but pliable, acrylic polymers in an aqueous system. It is carefully blended and quality controlled. It contains no oils, saponifiable resins, or waxes.

#### Physical and Chemical Properties:

- Dry Time @ 70°F.: 1-2 hours (touch)  
4-12 hours (traffic)

These dry times are dependent on normal drying conditions. Cool temperatures, high humidity will slow the drying time.

- A.I.M. Category: Sealers (Including Interior Clear Wood Sealers), maximum VOC 400 g/l.
- A.I.M. Definition: A coating formulated and recommended for application to substrate for one or more of the following purposes: to prevent subsequent coatings from being absorbed by the substrate; to prevent harm to subsequent coatings by materials in the substrate; to block stains, odors, or efflorescence; to seal fire, smoke, or water damage; or to condition chalky surfaces.

#### Applicable Standards:

Recommended for use on Class 1,2,3 and 4 concrete floors as noted in ACI Standard 302-77.

BRIGHT SEAL WB is designed to meet or exceed the following requirements:

- ASTM C-309, Type 1, Class A&B, and Type 1D when a red dye is added
- AASHTO M-148 Type 1
- Meets state and federal solvent emission standards (V.O.C.)
- Compatible with most paints and carpet and resilient tile adhesives.

However, it is always recommended to conduct a small test application to insure proper adhesion and compatibility

### 5. APPLICATION PROCEDURES AND INSTRUCTIONS

BRIGHT SEAL WB is ready for use, do not dilute. On exterior applications, BRIGHT SEAL WB should be only applied to vertical surfaces and surfaces that do not pond water.

**Concrete Block:** Field apply after block have been cleaned, washed, and dry.

**New Concrete:** Apply after the concrete has cured. To bring out the wet look all curing compounds and sealers need to be removed first. Spray application is best, however, other application methods can be used, i.e.: lamb's wool applicator, or medium nap roller also can be used.

**Existing Concrete:** Sweep or vacuum all loose soil and dust. Remove oil, grease stains and old wax, polish, and sealers. Trisodium phosphate or TK-101 Chemical Cleaner (with very hot water) can be used, for sealers a solvent will need to be used; rinse thoroughly and allow to dry. BRIGHT SEAL WB can be applied by lamb's wool applicator, or medium nap roller. On large areas a sprayer can be used.

A second coat may be applied after the first coat is dry.

#### Coverage: Sq. Ft./Gallon\*

|                               |         |
|-------------------------------|---------|
| Exposed aggregate: .....      | 300-500 |
| Broomed finishes: .....       | 300-500 |
| Troweled finishes: .....      | 300-500 |
| Second Coat (if necessary) .. | 300-500 |

\*The coverage rate should be determined by a sample on your particular substrate. The coverage rates listed are only a guideline. BRIGHT SEAL WB should be applied to satisfy the porosity of the substrate, and leave a thin film on the surface.

#### Limitations:

Avoid a buildup, which can cause slippery conditions or a lifting action between coats. Protect from freezing. Apply in temperatures above 50°F. BRIGHT SEAL WB must not be used on exterior horizontal surfaces or any surface that ponds water, a blush will occur in this situation.

**Cleanup of Tools and Equipment:**

Use soap and water before material dries. If dried, use MEK/xylene (methyl ethyl ketone).

**Precautions:**

Contains minute amount of amine and co-solvents. Excessive and prolonged inhalation may result in headache, nausea, and eye and lung irritation.

**First Aid:**

*Inhalation:* Remove from exposure to fresh air, treat symptomatically, call a physician. *Eye Contact:* Immediately irrigate with water for at least 15 minutes; get medical attention. *Skin Contact:* Wipe off material and wash thoroughly with soap and water. *Ingestion:* Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Get medical attention.

For safety control, Material Safety Data Sheets are available from TK Distributors, the TK Office or the TK website. This information should be read before using this product.

**6. AVAILABILITY**

BRIGHT SEAL WB is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaged in: 55 gallon drums, 5 gallon pails, and one gallon cans.

**Maintenance:**

Stains should be removed as soon as possible, BRIGHT SEAL WB can be applied to wear areas and where spills have removed the sealer.

**7. LIMITED WARRANTY**

TK Products warrants that this product conforms to the label descriptions, is free from manufacturing defects, and is fit for the ordinary purposes for which such goods are used. Inasmuch as the use of this product by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results obtained. SHOULD THIS 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 THIS PRODUCT 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 uses of this product unless specifically authorized by TK Products in writing. See TK PRODUCTS DISCLAIMER section below.

**8. TECHNICAL SERVICES**

The TK office offers assistance with specifications, performance test data and field services.

**9. FILING SYSTEMS**

- Information Handling Services  
PO Box 1213  
Englewood, CO 80150
- Information Marketing Services  
13271 Northend  
Oak Park, MI 48237

**TK DISCLAIMER:**

Every effort has been made to ensure the accuracy of the above information, and to avoid infringement on 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 LIMITED WARRANTY (Section 7) above.

**FOR INDUSTRIAL USE ONLY**

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