



Decking and Sealer Products Since 1923

# Master Seal WB Tint Bases

## Technical Bulletin



**D**esert Brand Master Seal WB (Water-Based) is a state of the art textured acrylic-urethane latex sealer. It combines the advantages of nanotechnology with the use of polyurethane beads. Master Seal WB has low odor and is a low VOC product with excellent UV resistance. It is ideal for concrete driveways, garage floors, patios, paver tiles, stone walkways, decorative concrete, balconies, interior concrete floors, porous tile, and other masonry floors.

### PRODUCT FEATURES:

- Excellent weather resistance.
- Durability and adhesion of a nano-acrylic latex with the mar resistance.
- Tough abrasion resistance.
- Chemical resistance of a polyurethane hybrid creates a surface equal the performance of its solvent based counterpart.
- Improves cleanability.
- Resists water, gasoline, brake fluid, oil, hydraulic fluid and both acid and alkaline cleaners.
- Exceptional resistance to hot tire pickup (when applied as instructed).
- Polyurethane beads impart even greater slip resistance to concrete substrates.

Master Seal WB can also be used as an interior coating. It provides excellent resistance to alcohol, cooking oil, wine, hot sauce, mustard, catsup, and other typical household spills.

### CLEAN SURFACE:

- Make sure surface is free of grease, oil, dirt, wax, or other foreign matter.
- Clean with detergent solution, kitty litter or TSP-SP.
- Scrub, vacuum or sweep up all loose debris.

### PREPARE SURFACE:

- Use a chemical etcher, such as Desert Brand Etch-Off on a bare surface.
- Rinse and neutralize thoroughly.
- New concrete surfaces must be aged at least 28 days prior to applying sealer.

### TEST SURFACE:

- Apply a small amount of sealer to test for possible lifting on already painted surface.
- Glossy solvent-based paints require scuff sanding before application.

### APPLICATION:

- Mix sealer thoroughly.
- Use as packaged – thinning is not necessary.
- Use a large orifice spray gun, roller applicator or brush.
- Apply an even coating when surface temperature is between 55° and 85°F and 30 to 60% humidity.

### DOUBLE UP:

- Apply two even coats.
- Allow 24 hours between coats.
- Drying and recoat times are dependent on temperature, humidity and film thickness.

Warning – Like any quality finish, Master Seal WB reduces the porosity of the surface being sealed. Be aware that oil, water, mud, or other materials on a sealed walkway can make the surface slippery and therefore, potentially dangerous. Good housekeeping and maintenance are important, proper drainage is imperative.

### TECHNICAL DATA

Data:	Clear	Pigmented
VOC:	<50 grams/liter	<50 grams/liter
Typical Solids %:	25% to 31%	41% to 46%
Volume Solids %:	23% to 27%	34% to 35%
Typical Density:	8.5 to 8.8 lbs/gal	9.4 to 10.0 lbs/gal
pH:	8 to 9	8 to 9
Chemical Resistance:	24 hours under watch glass	24 hours under watch glass
ASTM D3363-05 <i>Test for film hardness by pencil</i>	H hardness	2H Hardness
ASTM D3359-09 <i>Test for measuring adhesion by tape</i>	5	5
ASTM D4400-99 (2007) <i>Test for sag resistance</i>	Pass	Pass
Coverage (Average sq. ft., per coat @ 1mil): <i>Coverage rates are dependent on surface conditions and application techniques.</i>	400 to 800	450 to 550
Shelf Life:	3 years	3 years
Packaging:	1 gal. & 5 gal.	1 gal. & 5 gal.

For additional information, please refer to Safety Data Sheet (SDS).

For maintenance information, please refer to Desert Brand Technical Bulletin TB141: Maintenance and Care of Desert Brand Sealers.

### CLEANING OF EQUIPMENT:

- Equipment and hands may be cleaned with mild liquid detergent and water.
- Dry material can be removed with Desert Brand Retarder or acetone, follow manufacturer's cautions.
- Disposal of any unused material must comply with local, state, and federal regulations.

### PRECAUTIONS:

- Foot traffic should remain off of the sealed surface for 24 hours. For vehicle traffic, allow at least 48 hours for proper curing.
- Do not apply in direct sunlight.
- Do not allow product to freeze.
- Master Seal WB is not recommended for nonporous or dense surfaces, such as granite, marble, or porcelain tile surfaces.

The information in this technical bulletin is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. Sales specifications, although current at time of publication, are subject to change due to process improvements. For latest product specifications, contact our nearest sales office.

Manufactured by

**HILL BROTHERS** *Chemical Co.*

800.994.8801

1675 N. Main St • Orange, CA 92867

LOCATIONS:

City of Industry • San Jose, CA  
Phoenix • Tucson, AZ • Salt Lake City, UT

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