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Desert Brand

TECHNICAL BULLETIN

Master Seal WB Sealer

Description

Desert Brand Master Seal WB (Water Based) Sealer 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.

Suggested Uses

Desert Brand Master Seal WB 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

Desert Brand Master Seal WB combines the excellent weather resistance, durability, and adhesion of a nano-acrylic latex with the mar resistance, tough abrasion resistance, and chemical resistance of a polyurethane hybrid to create a surface that equals the performance of its solvent based counterpart. Desert Brand Master Seal WB improves clean-ability, resists water, gasoline, brake fluid, oil, hydraulic fluid and both acid and alkaline cleaners. Desert Brand Master Seal WB has exceptional resistance to hot tire pickup when applied as instructed. The polyurethane beads incorporated within the product impart even greater slip resistance to concrete substrates. Desert Brand Master Seal WB can also be used as an interior coating and provides excellent resistance to alcohol, cooking oil, wine, hot sauce, mustard, catsup, and other typical household spills.

Surface Preparation

To prepare the surface for application of Desert Brand Master Seal WB, remove grease, oil, and debris from bare or previously painted surfaces using laundry detergent, kitty litter or TSP-SP. It is important that all loose flaky paint be removed. Scrub, vacuum, or sweep up all loose debris.

If surface has already been painted, apply Desert Brand Master Seal WB to an obscure area to check for compatibility. Glossy solvent-based paints will require scuff sanding before application.

If the surface is bare, etch surface with Desert Brand Eco-Etch Efflorescence Remover following the instructions on the container before applying Desert Brand Master Seal WB Sealer.

Application

Contents must be mixed well before use. After thorough preparation of surfaces, Desert Brand Master Seal WB can be applied using a large orifice spray gun, roller applicator or brush. Apply as is. Do not dilute. Apply 2 coats; allow to dry for 1 to 1 1/2 hours between coats. Allow completed application to dry for at least 4 hours before exposing to foot traffic and 48 hours before exposing to auto traffic or cleaning solutions. One gallon of Desert Brand Master Seal WB will cover 400 to 800 square feet depending upon the surface porosity. Desert Brand Master Seal WB should be applied when surface temperature is between 55° and 85°F. Do not apply Desert Brand Master Seal WB in direct sunlight. If painting outside, start early and follow the shade.

Recommended Maintenance Instructions

Desert Brand Master Seal WB may be cleaned using soap and water or any mild acid or alkaline cleaner. When using a mild acid or alkaline cleaner, remove cleaner with a plain water rinse.

Cleaning of Equipment

Equipment and hands may be cleaned with mild liquid detergent and warm water. Dry material can be removed with Desert Brand Retarder or acetone following manufacturer's precautions. Disposal of any unused material must comply with Local, State, and Federal regulations.

Precautions

Do not apply Desert Brand Master Seal WB in direct sunlight. Do not allow product to freeze (32°F) or to go above 150°F. Optimal conditions are 60° to 80°F and 30% to 60% humidity. Desert Brand Master Seal WB is **not recommended** for marble, granite, or porcelain tile surfaces.

Technical Data

Color in container:	Clear
VOC :	< 50 grams/liter
Typical Solids:	26.5% - 32.5%
Typical Density:	8.52 to 8.76 lbs./gal.
pH:	8 to 9
Chemical Resistance:	24 hours under watch glass H hardness
ASTM D3363-05 <i>Test for film hardness by pencil</i>	
ASTM D3359-09 <i>Test for measuring adhesion by tape</i>	5
ASTM D4213-08 <i>Test for scrub resistance</i>	5
ASTM D4400-99 (2007) <i>Test for sag resistance</i>	Pass
Storage:	Cool dry place. Do not allow to freeze.
Shelf Life:	3 years
Packaging:	1 gallon and 5 gallons

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