



PRODUCERS OF
DECKING AND SEALER PRODUCTS
SINCE 1923

Desert Brand MASTER SEAL

TECHNICAL BULLETIN

Description

Desert Brand Master Seal is a 100% acrylic, high-performance, waterproofing sealer manufactured specifically for sealing concrete and masonry patios, porches, decks, walkways, driveways, and garage floors, including surfaces such as exposed aggregate concrete, slate, Saltillo tile, and manufactured stone. Master Seal is suitable for exterior application where resistance to water, efflorescence, hot tire pick-up, ultraviolet light, abrasion, staining, and/or mildew is needed. Master Seal provides a penetrating, non-yellowing, satin gloss appearance while darkening the porous substrate. It is not recommended for nonporous or dense surfaces, such as granite or marble.

Instructions for Use

Surface must be clean and free of grease, oil, dirt, wax, or other foreign matter. Prepare surface by using a hot water pressure washer. Allow 24 hours to dry. Before proceeding, make sure the bond to any previously applied stain or sealer is secure by applying sealer to a small area and checking for possible lifting. On newly installed tile, allow for grout joints to dry completely before applying sealer. New concrete surfaces must be aged at least 30 days prior to applying sealer. For best results on vehicle traffic surfaces, previous sealers or coatings should be removed.

Method of Application

Stir contents thoroughly and throughout application, to ensure full suspension of slip resistant additives. After complete preparation of surfaces, Master Seal can be applied by brush or a minimum 3/8" roller. Apply sealer as is or use Desert Brand Retarder to increase drying time of the sealer. Two or more applications may be necessary depending upon the porosity of the surface being sealed. Top coat should be unreduced. One gallon of sealer will cover approximately 200 to 300 square feet, depending upon the surface porosity. For best results, sealer should be applied in thin coats when surface temperature is between 55° and 85° F. Avoid heavy coats and do not allow product to puddle. Allow 24 hours between coats for proper curing. It is recommended that foot traffic remain off of the finished, sealed surface for 24 hours. For vehicle traffic, allow 72 hours minimum for curing.

USE ONLY WITH ADEQUATE VENTILATION.

KEEP AWAY FROM HEAT, SPARKS, STATIC ELECTRICITY AND OPEN FLAMES.

FOR FURTHER INFORMATION, REFER TO MATERIAL SAFETY DATA SHEET.

Cleaning of Tools

Tools and hands may be cleaned with an aromatic type lacquer thinner. Do not use mineral spirits.

WARNING! Possible Slipperiness

Like any quality finish, Master Seal 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. ADD ADDITIONAL SLIP RESISTANT MATERIALS TO MASTER SEAL TO INCREASE SLIP RESISTANT PROPERTIES IF NEEDED.

MASTER SEAL 100 MEETS THE V.O.C. LIMITS FOR SCAQMD. FOR MASTER SEAL 400, VERIFY COMPLIANCE WITH YOUR LOCAL AIR QUALITY DISTRICT TO ENSURE V.O.C. REQUIREMENTS ARE MET.
(Waterproofing sealers)

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Technical Data

<u>Master Seal 100</u>	<u>Clear</u>
VOC (mg/L):	<100
Typical Solids (wt.%):	35 ±0.5
Typical Density (lbs/gal):	10.69
Viscosity (cps):	1800-2600
<u>Master Seal 400</u>	
VOC (mg/L):	<400
Typical Solids (wt.%):	35 ±0.5
Typical Density (lbs/gal):	9.45
Viscosity (cps):	1800-2500
Chemical Resistance:	Excellent
ASTM D3363-05	2H
<i>Test for film hardness</i>	
ASTM D3359-09	5
<i>Test measuring adhesion</i>	
Shelf Life:	3 years
Packaging:	1gallon & 5 gallon pails