



Decking and Sealer Products Since 1923

Master Seal

Technical Bulletin



Desert Brand Master Seal is a 100% solvent borne acrylic that is manufactured specifically for concrete, decorative concrete, and interlocking pavers. This high performance, waterproofing sealer is great for decks, walkways, driveways, garage floors, manufactured stone, or Saltillo tile. Master Seal is suitable for application where resistance to water, efflorescence, hot tire pick-up, ultraviolet light, or mildew is needed. Master Seal provides a penetrating, non-yellowing, satin gloss appearance that will darken the substrate. Included in Master Seal are the addition of slip resistant additives.

INSTRUCTIONS FOR USE AND APPLICATION:

- New concrete surfaces must be aged at least 30 days prior to applying sealer.

CLEAN SURFACE:

- Make sure surface is free of grease, oil, dirt, wax, or other foreign matter.

PREPARE SURFACE:

- Use a hot water pressure washer or chemical etcher, such as Desert Brand Etch-Off.
- Rinse and neutralize thoroughly.
- Allow a minimum of 24 hours to dry.

TEST SURFACE:

- Apply a small amount of sealer to test for possible lifting.

APPLY MASTER SEAL:

- Stir contents thoroughly and throughout application to ensure full suspension of slip resistant additives.
- Use a brush or minimum 3/8" roller.
- Apply as-is or use Desert Brand Retarder to increase drying time.
- Apply in thin coats when surface temperature is between 55° and 85°F.
- Do not allow product to puddle

DOUBLE UP:

- Two or more applications may be necessary depending upon surface porosity.
- Allow 24 hours between coats.
- Top coat should be unreduced.
- Drying and recoat times are dependent on temperature, humidity and film thickness.

CLEANING OF EQUIPMENT:

- Tools and hands may be cleaned with an aromatic-type lacquer thinner.
- Do not use mineral spirits.
- Disposal of any unused material must comply with local, state, and federal regulations.

Warning – 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. Good housekeeping and maintenance are important, proper drainage is imperative.

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.

TECHNICAL DATA

Data	Master Seal 100	Master Seal 400
VOC (mg/L):	<100	<400
Solids (wt.%):	36	36
Volume Solids (%):	31	28
Density (lbs/gal):	10.69	9.48
Viscosity (cps):	1800-2600	1800-2500
Coverage (Average sq. ft., per coat @ 1mil):	400-500	400-500
<i>Coverage rates are dependent on surface conditions and application techniques.</i>		
Chemical Resistance:	Excellent	Excellent
ASTM D3363-05 test for film hardness	2H	2H
ASTM D3359-09	5	5

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.

PRECAUTIONS:

- Foot traffic should remain off of the sealed surface for 24 hours. For vehicle traffic, allow at least 72 hours for proper curing.
- Use only with adequate ventilation.
- Keep away from heat, sparks, static electricity, and open flames.
- Master Seal is not recommended for nonporous or dense surfaces, such as granite, marble, or certain types of slate.

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)

Manufactured by

HILL BROTHERS *Chemical Co.*

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LOCATIONS:

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

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