



Decking and Sealer Products Since 1923

Classic Sealer

Technical Bulletin



Desert Brand Classic Sealer is designed specifically for maximum durability and protection of magnesite (magnesium oxychloride) surfaces, providing an attractive, long-lasting, low-luster finish that is especially weather and scuff resistant. Formulated with the finest acrylic resins and raw materials available in the paint and coatings industry, Desert Brand Classic Sealer is available in a wide variety of colors, including white and clear. Classic Sealer Clear will enhance the natural beauty, finish, and texture of newly installed magnesite floors and stairs, while Classic Sealer Pigmented is primarily used for aged surfaces that may be discolored, patched, or worn.

INSTRUCTIONS FOR USE AND APPLICATION

Classic Sealer is a non-viscous product designed for maximum penetration of the surface. Clean equipment and hands with an appropriate thinner, such as Desert Brand Retarder. Do not use mineral spirits.

CLEAN SURFACE:

- Make sure surface is clean and free of grease, oil, dirt, wax, or other foreign matter.
- Clean with a detergent solution, rinse fully, and allow surface to dry.

PREPARE SURFACE:

- Fill any small, objectionable cracks in the surfaces of decks and stairs using Desert Brand Crack Filler. Allow to dry thoroughly before proceeding.
- Apply a small amount of sealer to test for possible lifting.

APPLY CLASSIC SEALER:

- Use as packaged – thinning is not necessary.
- During warm weather, Desert Brand Retarder may be added to increase drying time. Use no other solvents or thinners.
- Mix sealer thoroughly.
- Use spray equipment or a fine-textured sponge, brush, or roller to apply.
- It is recommended to use a 3/8" nap roller with a dralon, woven, or lintless roller cover.
- Apply an even coating when surface temperature is between 55° and 85°F.
- If a touch up is necessary after the coating has set (about 5 minutes), rewet the roller or brush before reapplication.

DOUBLE UP:

- Two or more applications may be necessary depending upon surface porosity.
- Two thin applications will provide better protection and performance than one heavy application.
- Allow 24 hours between coats.
- Drying and recoat times are dependent on temperature, humidity and film thickness.

PRECAUTIONS:

- It is recommended that traffic remain off of the sealed surface for eight hours. Under normal conditions, limited traffic may be permitted after two to three hours, if necessary.
- Add slip resistant materials to Classic Sealer to increase slip resistant properties if needed.

Warning: Possible Slipperiness – Like any quality finish, Classic Sealer 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

<u>Classic Sealer</u>	<u>Pigmented</u>	<u>Clear</u>
VOC (mg/L):	<450	<450
Solids (wt.%):	45-49	30
Volume Solids (%)	34	24
Density (lbs/gal):	8.5-9	7.43
Viscosity (cps):	1000±200	200+
ASTM D3363-05 <i>test for film hardness</i>	2H	2H
ASTM D3359-09 <i>test measuring adhesion (substrate dependent)</i>	4-5	4-5
Coverage (Average sq. ft., per coat @ 1mil): <i>Coverage rates are dependent on surface conditions and application techniques.</i>	450-550	350-450
Shelf Life:	3 years	
Packaging:	1 & 5 Gallon	

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:

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

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