



PRODUCERS OF
FLOORING AND SEALER PRODUCTS
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TECHNICAL BULLETIN

Desert Brand Classic Sealer for Protection of Magnesium Oxychloride Floors and Stairs

Characteristics

Desert Brand Classic Sealer is designed and formulated with the finest acrylic resins and raw materials available in the paint and coatings industry. Desert Brand Classic Sealer's finish is formulated for maximum durability and protection for magnesium oxychloride floors and stairs. The sealed surface provides an attractive long lasting and highly scuff resistant surface.

Desert Brand Classic Sealer is available in 14 pigmented colors plus white and clear. Desert Brand Classic Sealer Clear will enhance the natural beauty, finish and texture of new magnesium oxychloride floors and stairs. Desert Brand Classic Sealer Pigmented is used primarily for aged surfaces, which are discolored, patched or worn.

Instructions For Use

Surfaces must be clean, free of grease, oil, dirt or other foreign matter. Make certain that the bond of the old coating is secure and check for possible lifting of undercoat. Do a spot test in a noncritical area to assure compatibility.

Cleaning

Stairs and decks should be cleaned with a mixture of warm water and TSP and rinsed thoroughly. In some cases scraping and wire brushing of old coating, followed by sanding, may be necessary. Care should be taken to prevent dirty water from running over the skirting of the stairs and decks on to the plaster walls, as staining may result. After thorough cleaning and rinsing, allow surface to thoroughly dry.

Filling Cracks

Desert Brand Flexible Crack Filler is recommended for filling small objectionable cracks in the surfaces of decks and stairs. Apply, filling cracks thoroughly, smooth over and remove excess. When bridging wide cracks, use fiberglass tape to provide additional strength. Directions for use are printed on each container.

Thinning

Desert Brand Classic Sealer is designed for maximum penetration of the surface over which it is applied. Desert Brand Classic Sealer is a non-viscous product. The addition of a thinning agent is not recommended.

Application

Mix thoroughly. After thorough preparation of surface, apply an even coating of Desert Brand Classic Sealer with a brush or roller. Two coats may be necessary for complete coverage. One gallon will cover approximately 400 square feet, depending on surface porosity. Do not apply excessive amounts per each application. The product should not be applied when surface temperature is over 85°F. Use abrasive materials on surfaces to avoid slips and falls. See warning statement below. **If touch up is necessary after the coating has set (approximately 5 minutes), rewet roller or brush before reapplication.**

Drying

During warm weather, Desert Brand Classic Sealer will surface dry within one hour. Allow 1 – 2 hours between resealing of surfaces to allow sufficient drying. A longer drying time may be encountered during cooler weather. For best results it is recommended that traffic remain off of the surface for approximately 8 hours. If necessary, limited traffic may be permitted after 2 to 3 hours, under normal conditions.

Cleaning of Equipment

Equipment must be cleaned with Desert Brand Thinner or an aromatic type lacquer thinner. Do not use paint base spirits. Disposal of material must comply with Local, State and Federal regulations.

Warning

Possible Slipperiness

Desert Brand Classic Sealer, like any good finish, reduces the porosity of the surface being sealed. BE AWARE that oil, water, mud or other materials on a sealed walkway or stair tread can make the surface slippery and therefore potentially dangerous. Good housekeeping and maintenance are important – good drainage is imperative.

To ensure a more slip resistant surface, we recommend the use of Desert Brand Silica Granules. Evenly broadcast the granules upon the first wet coat of Desert Brand Classic Sealer. After 48 hours, sweep excess (unbonded) granules from surface with a clean push broom, followed by a topcoat application of Desert Brand Classic Sealer so as to encapsulate the granules. Allow to dry 8-24 hours prior to heavy traffic.

Desert Brand Classic Sealer is manufactured by Hill Brothers Chemical Company for the purpose of sealing magnesite surfaces for protection from the weather. Hill Brothers Chemical Company cannot know: (1) the porosity or what type of surface is being coated; (2) how Desert Brand Classic Sealer or Silica Granules are being applied or; (3) under what conditions the surface is being used. Therefore, Hill Brothers does not assume any responsibility for the slipperiness of the surface coated with Desert Brand Classic Sealer, whether or not Silica Granules are used.

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