



Magnum Seal™ Characteristics and Applications

Description

Magnum Seal™ is formulated with methylmethacrylate copolymer resin, designed to seal, protect and add a low to medium gloss finish to decorative concrete and architectural finishes. Magnum Seal™ is a ready-to-use liquid, no dilution is required. Magnum Seal™ provides abrasion resistance, resistance to attack from light chemicals, and reduces staining caused by common substances.

Basic Uses

Magnum Seal™ is designed for the Impressions™, Fresco Stain™, Tinté D'Acqua™, Artisan Overlay™, FauxCrete™, Colour-Hard™, ColorFlo®, Venetian MicroTop™ Systems and other architectural colored concrete projects.

Composition

Magnum Seal™ is a proprietary formulation consisting of a methylmethacrylate copolymer resin and special additives. Magnum Seal™ is a clear solvent-based liquid material that dries to a clear, low to medium gloss film.

Application

Samples and mock-ups: Provide sealed, applied material samples in the color and texture specified for the project to the architect and owners for approval prior to project start. Provide on-site, mock-up prior to project start for approval of color, texture and workmanship.

Preparation: Substrate should be clean, free of all debris and contaminants and thoroughly dry. Newly placed cured concrete, toppings or overlays must be cured 24–48 hours from time of completed installation, depending on ambient conditions, substrate and mix design. Longer curing times are required in cool, damp conditions.

Application of sealer: Apply the Magnum Seal™ by brush or spray (airless spray application is recommended). Uniformly apply the sealer at approximately 200–300 square feet per gallon (4.9–7.4m²/L) per application. Allow the sealer to dry, then uniformly apply a second coat of Magnum Seal™ at the same coverage rate. Ensure application is uniform and a complete film over the entire surface has been achieved. Do not apply the sealer applications too heavily or too lightly in either coat. Heavy coats will extend the dry time and could discolor or peel. In general, several light mist coats are more effective than a heavy single coat. Re-application can take place as soon as the previous coat has dried. Protect the application from rain, snow or excessive moisture for 24 hours.

Coverage Rate

Approximately 200–300 square feet per gallon (4.9–7.4 m²/L) per application, minimum of 2 applications required.

Limitations

Minimum ambient and surface temperature for application is 45°F (7.2°C) during application and for a minimum of 24 hours after application. Do not apply if rain, snow or excessive moisture is expected during application or within 24 hours after application.

Magnum Seal™ will enhance the final color. Always install a job site mock-up for approval of color prior to project start.

Packaging

1-gallon (3.8 L) can, 6 cans per case
5-gallon (18.9 L) pail, 36 pails per pallet
55-gallon (209 L) drum

Storage and Shelf Life

Store in cool dry area. Keep from freezing. Shelf life is 1 year from date of manufacture in original unopened containers.

Clean Up

Tools and equipment should be cleaned up with Xylene type products and rinsed with clean water.

Precautions

It is mandatory to take the following precautions to protect workers and the public:

1. KEEP OUT OF THE REACH OF CHILDREN.
2. Wear protective clothing, gloves and goggles when handling and/or applying Magnum Seal™.
3. Keep away from excessive heat and open flame or other sources of ignition. This product is solvent-based and flammable.
4. Avoid inhalation of vapors. Ensure adequate ventilation during application and while product is drying.
5. Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water.
6. Avoid contact with eyes. Flush eyes with water if contact occurs.
7. Avoid ingestion of material. If ingestion occurs, contact a poison control center or physician immediately.
8. Use appropriate protective clothing, including gloves, goggles and fitted approved OSHA-NIOSH respirators.

Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

Warranty

Legacy™ Decorative Concrete Systems, Inc. warrants that these products will be free from defects, and will perform as specified in the Technical Data Sheet, provided that storage, use and application of product are in accordance with manufacturer's

recommendations and application instructions. The exclusive remedy of the user or buyer and the limit of the liability of this company for product proven defective shall be the purchase price paid by the user or buyer for the quantity of the Legacy™ Decorative Concrete Systems, Inc. products involved. Legacy™ Decorative Concrete Systems, Inc. shall not be liable for indirect, incidental, consequential, or special damages, whether due to breach of warranty or tort (including without limitation Legacy™ Decorative Concrete Systems, Inc.).

Manufacturer

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