

PRODUCT IDENTIFICATION

SOLARGARD[®] MASONRY PRIMER

#1110700005 - 5 gallon pail
#1110700001 - 1 gallon container (4 per case)

ACRYLIC PRIMER

Description

SOLARGARD MASONRY PRIMER is a high quality, acrylic primer formulated from 100% acrylic resins. SOLARGARD MASONRY PRIMER bonds firmly to brick, stone, concrete, plaster, stucco, and other cementitious surfaces.

Uses

SOLARGARD MASONRY PRIMER is an ideal primer for brick, stone, concrete, plaster, stucco, and other cementitious surfaces. It may also be used to prime wood. SOLARGARD MASONRY PRIMER may be used on porous surfaces prior to application of SOLARGARD HY-BUILD.

Advantages

SOLARGARD MASONRY PRIMER bonds firmly to cementitious surfaces providing for excellent adhesion of the coating to the substrate.

Limitations

Application temperature shall be above 50°F. Protect from freezing. Not intended for immersion service or over tar, glazed tile, silicone based coatings, or below grade. SOLARGARD MASONRY PRIMER must be top-coated with SOLARGARD HY-BUILD within 72 hours.

Coverage

Applied as a single coat over brick, stone, concrete, plaster, stucco, and other cementitious surfaces,

SOLARGARD MASONRY PRIMER will cover approximately 100-200 sq. ft./gal. The porosity of the surface to be coated may cause coverage to vary.

Preparation

All surfaces are to be free of dirt, grease, oil, chalk, loose paint, rust, mortar, and other foreign matter, which could prevent proper adhesion. This is best accomplished using a high pressure power wash of at least 2,000 psi. A surface cleaner shall be used to remove all grease or oily deposits.

Masonry, Brick, Concrete, and Stucco: If surface is previously coated, contact Republic Technical Department for surface preparation recommendations. Masonry repairs should be completed and the cement allowed to dry before "spot priming" with SOLARGARD MASONRY PRIMER.

Wood: New or unpainted wood surfaces require two coats of SOLARGARD MASONRY PRIMER.

Application

SOLARGARD MASONRY PRIMER shall be applied by brush, roller, or paint spray equipment. Mix well to obtain uniform color.

When SOLARGARD MASONRY PRIMER has been applied longer than 72 hours prior to application of SOLARGARD HY-BUILD, SOLARGARD MASONRY PRIMER is to be reapplied. All surfaces, which have been primed, must be clean and free of dirt, grease, oil and other foreign matter, which could prevent proper adhesion of SOLARGARD HY-BUILD.

Maintenance

It is recommended that the coating application be checked on a regular schedule with additional inspections after the system has been exposed to severe weather conditions. Recoating or small area touch up

TECHNICAL DATA

Weight per Gallon (ASTM D 1475)	12.1±0.2 lbs.
Solids by Volume	41% ± 1%
Solids by Weight	59% ± 1%
Viscosity @ 77°F (ASTM D 562)	75 KU ± 1KU
Abrasion Resistance	Excellent
Flexibility (ASTM D 1737)	Pass 1/8" mandrel bend
Dry Time	1 hour to dust free 2 hours to tack free Overnight to hard
Flashpoint (ASTM D 3278)	None
Gloss 60° on Gardner Glossgard (ASTM D 523)	12° ± 5
Clean Up	Soap & water
VOC	62 g/l



Republic Powdered Metals, Inc.
2628 Pearl Road • Medina, OH 44256
www.rpmrepublic.com

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can be made at any time by following recommended application procedures.

Technical Services

Technical advice or service on suitability of material for specific application and end-use requirements is available from the manufacturer. Refer to label and Material Safety Data Sheet (MSDS) for precautionary information.



Republic Powdered Metals, Inc.
2628 Pearl Road • Medina, OH 44256
800/551-7081 • Fax: 800/382-1218 • www.rpmrepublic.com

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