

PRODUCT IDENTIFICATION

SOLARGARD® Semi-Gloss

#1610700001 - 1 gal. can
#1610700005 - 5 gal. pail

ACRYLIC LATEX PAINT

Description

SOLARGARD Semi-Gloss is a high quality acrylic latex paint formulated from durable 100% acrylic resins with excellent weathering and UV resistance. Available in a variety of aesthetically pleasing colors.

Uses

SOLARGARD Semi-Gloss protects and beautifies wood, metal, brick, stone, concrete, plaster, stucco, and similar surfaces. SOLARGARD Semi-Gloss bonds firmly and produces a tough, flexible finish with excellent color retention and chalk resistance.

Limitations

Surface must be clean, dry and free of dirt, dust and other contaminants. Application temperature shall be above 50°F. Protect from freezing. Do not apply if rain is imminent.

Preparation

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

All previously painted masonry, brick concrete, and stucco require the following. Masonry repairs should be

completed and the cement allowed to dry before “spot priming” with SOLARGARD MASONRY PRIMER.

For metal roofs, new or galvanized surfaces need not be primed. Rusted metal must be wire brushed and cleaned of all loose, flaking rust and primed with SOLARGARD METAL PRIMER.

New or unpainted wood surfaces require two coats of SOLARGARD Semi-Gloss.

Coverage

Porosity, texture of surface, and specified dry-film thickness will dictate coverage. Applied as a single coat over smooth, non-porous, primed wood or metal, brick and concrete will cover approximately 300 sq. ft./gal. and will produce a dry film thickness of approximately 2 mils.

Application

Mix until coating is smooth and consistent to obtain uniform color. SOLARGARD Semi-Gloss can be applied by brush, roller, or spray gun to specified coverage rates.

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 conditions. Recoating or small area touch up 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.

TECHNICAL DATA

Weight per Gallon (ASTM D 1475)	10.46 lbs./gal. ± 0.2
Flashpoint (ASTM D 93)	None
Solids by Weight (ASTM D 1644)	48% ± 1%
Solids by Volume (ASTM D 2697)	35% ± 1%
Viscosity at 77°F (ASTM D 562)	82 KU ± 2 KU
Abrasion Resistance	Excellent
Dry Time	
Dust Free.....	1 Hour
Tack Free.....	2 Hours
Hard.....	Overnight
Flexibility (ASTM D 1737)	Passes bent over 1/8" mandrel
Gloss 60° on Gardner Glossgard (ASTM D 523)	50° ± 5
Dry Film @ 300 sq. ft./gal.	1.9 mils
Clean Up	Soap & water



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

SOLARGARD[®] Semi-Gloss



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



Member of Cool Roof Rating Council



SOLARGARD is a U.S. registered trademark of Republic Powdered Metals, Inc.

The information provided on this data sheet is effective as of February 2005 and supersedes all previous data concerning this product and its application.

© Republic Powdered Metals, Inc., 2005. All Rights Reserved.

The Statements provided concerning the materials shown are intended solely as a general guide for material usage and are believed to be true and accurate. Since the manner of use is beyond our control, Republic DOES NOT MAKE NOR DOES IT AUTHORIZE ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE, OR ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION, EXPRESSED OR IMPLIED, CONCERNING THIS MATERIAL EXCEPT THAT IT CONFORMS TO REPUBLIC'S PRODUCT SAMPLE. Buyer and user accept the product under those conditions and assume the risk of any failure, injury of person or property and loss or liability resulting from the handling, storage or use of the product, whether or not it is handled, stored, used in accordance with directions or specifications. UNDER NO CIRCUMSTANCES SHALL REPUBLIC BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM ANY BREACH OF WARRANTY. IN ALL CASES, REPUBLIC'S LIABILITY IS LIMITED, AT REPUBLIC'S OPTION, TO THE REPLACEMENT OF GOODS, OR THEIR VALUE, PROVEN TO BE DEFECTIVE IN MANUFACTURING.