



Safety Glow USA LLC.
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Product Data Sheet

PRODUCT DESCRIPTION

Safety Glow paints are a premium quality Interior/Exterior 100% acrylic latex that dries to a durable semi-gloss finish. The 100% acrylic technology provides excellent fade resistance, which allows it to perform for years. Safety Glow Ultra was designed to aid in safe egress from buildings due to power failure or similar black out conditions.

PHYSICAL PROPERTIES

Resin Type	100% Acrylic Latex
Clean-up Solvent	Water
Finish	30 – 40 @ 60°
Solids by Weight	45 %
Solids by Volume	36 %

Recommended Dry Film
Thickness per Coat 6.7 – 7 mils

Wet Film to Achieve DFT 22 – 25 mils

Theoretical Coverage
@ 1 mil 577 ft/gallon

Practical Coverage at
Recommended DFT 86 – 82 ft/gallon

Recommended DFT should be used for all MEA applications to assure product meets or exceeds requirements.

Maximum VOC Does Not Exceed 380 g/L.

- 1 Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.
- 2 Dry times may vary depending upon temperature, humidity and degree of air movement.

SURFACE PREPARATION

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, efflorescence, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion.

Bare surfaces must be properly prepared and primed prior to application of this product.

Masonry Surfaces- Poured Concrete, Concrete Block: New concrete and mortar should cure for a *minimum* of 30 days at 72° F (22° C) prior to coating application. Level all surface projections and mortar spatters by stoning. Rake mortar joints clean and remove all soluble salts.

Wood Surfaces: Patch nail holes, cracks and imperfections with exterior spackling compound. Sand and wipe clean. Woods subject to tannin bleeding should be primed with a stain blocking primer.

New Galvanized/Aluminum Metal Surfaces: Solvent wipe to remove surface contamination, then use an etching solution or abrade the surface by sanding.

Weathered Galvanized/Aluminum Surfaces: Power or hand wash with detergent and rinse thoroughly. The surface must be dull and slightly rough; use an etching solution or sand if needed.

Vinyl Surfaces: Power or hand wash with detergent and rinse thoroughly. All chalk residues must be removed from the surface.

Cement Board: Be sure surface is clean and free of all contaminants.

Ferrous Metal Surfaces: Remove loose rust and mill scale with hand or power abrading tools.

Previously Painted Surfaces

- Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow the surface to dry.
- Remove all loose coatings, deteriorated wood fibers and corrosion by scraping, sanding or other abrading method. Dull glossy, slick and/or non-porous surfaces with sandpaper.
- Patch and fill areas as needed. Spot prime bare areas with appropriate primer.

Mildew

Remove by using a solution of one (1) part household bleach and three (3) parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes then rinse completely and allow the surface to dry before coating application. Do not add detergents or ammonia to the bleach/water solution.

APPLICATION INSTRUCTIONS

- Stir material prior to application.
- Surface to be coated must first be coated with a white paint that is suited for the application. This paint can be latex, oil based, acrylic etc. Please be sure it is suited for your application surface.
- Apply by brush or roller. A good quality synthetic brush will make application easier. Select a roller cover suited for the texture of the surface to be coated.
- Apply the product in one thick coat to achieve a dry thickness film of 6.7 mil. Or higher Allow the product to dry before use.
- Do not thin

Additional directions for use under NYC LL 26/04:

New Line Markings: Read and understand Local Law 26 and New York City Building Code Reference Standard RS 6-1 prior to the use of this product to create markings which comply with the specifications set forth therein.

ENVIRONMENTAL VARIABLES

Protect product from freezing prior to and during application. Minimum surface and air temperature required for application is 50° F (10° C) and at least 5° F (3° C) above the dew point. Temperature, humidity and air movement will affect curing. The recommended minimums must be maintained for at least eight (8) hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

CLEAN-UP

Clean up spills immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water.

SURFACE CLEAN-UP

Safety Glow Paints are developed to illuminate in darkness thus any dirt on the surface can decrease its ability to perform adequately. Periodical cleaning may be necessary and should be done using **Formula 409**

CAUTIONS

Do not apply below 50° F Protect from freezing Do not take internally Use with adequate ventilation

KEEP OUT OF REACH OF CHILDREN

Maximum VOC Does Not Exceed .7 g/L.

Limited Warranty

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Safety Glow USA does not control the application of its products, or the condition of the surfaces to which they are applied, Safety Glow USA's liability will under no circumstances exceed replacement of the product.