

SOLARGARD® CLEAR COAT

#121005P - 5 gallon pail

Acrylic sealer and top coat

Description

SOLARGARD CLEAR COAT is a low odor, semi-gloss water based clear acrylic sealer and top coat. SOLARGARD CLEAR COAT is asbestos free.

Uses

SOLARGARD CLEAR COAT is an exterior clear sealer which provides an attractive semi-gloss protective finish to acrylic roof coatings. SOLARGARD CLEAR COAT is especially recommended for use over freshly applied acrylic coatings which are tinted to deep shades in order to help in preserving the long term colorfast property of the base coating. In certain situations, SOLARGARD CLEAR COAT can restore the original color of an acrylic coating which has faded due to exposure to salts, airborne chemicals, and other environmental conditions.

Limitations

Not intended to perform under ponded water conditions. Positive drainage is required. Not to be exposed to solvents, oils, or other chemicals or contaminants known to be harmful to acrylic coatings. Surfaces must be clean and free of dirt, dust, and other contaminants prior to application of SOLARGARD CLEAR COAT. Do not apply excessive amounts of SOLARGARD CLEAR COAT over deep colored acrylic coatings since heavy coverages and heavy overlapping material strokes may lead to a discoloration of the base color. Not recommended for rusted metal surfaces unless surface is first properly prepared, a corrosion resistant primer is applied, and an acrylic coating has been applied. Do not apply over silicone or Kynar (PVDF) coated substrates. Do not apply SOLARGARD CLEAR COAT below grade. Do not apply unless temperatures are at least 45°F and rising. Do not apply if temperatures are expected to drop below 45°F within 48 hours of application. Do not apply to wet surfaces. Do not apply unless the ambient and surface temperatures are at least 5°F above the dew point. Do not apply if rain is expected within 12 hours. If temperatures drop below 60°F, do not apply if rain is expected within 24 hours. Store containers at temperatures above 32°F. Do not allow containers to freeze. Store containers indoors in a heated area.

Preparation

Surface must be clean, dry, and free from dust, oil, and other contaminants. Power wash surface if required to remove oil, grease, dirt, chalking, scale, rust, stains, and loose paint. When SOLARGARD CLEAR COAT is specified for application to an acrylic coating system, such as SOLARGARD HY-BUILD or SOLARGARD ELASTOMERIC 6083, refer to individual product data sheets for complete instructions.

Application

Previously applied acrylic coatings must be touch dry and able to support foot traffic without tracking prior to application of SOLARGARD CLEAR COAT. Apply a single coat of SOLARGARD CLEAR COAT to a clean, dry surface by either short nap roller, brush, or spray. Do not apply excessive material or heavy overlapping material courses, especially when applying over deep color shades, since excessive coverages of SOLARGARD CLEAR COAT may adversely affect the final color of the base coating.

Coverage

Application rates will vary depending on actual surface conditions, such as porosity and texture. For smooth, non-porous surfaces, apply SOLARGARD CLEAR COAT at a coverage rate of 300-400 sq. ft./gallon. For porous surfaces, apply SOLARGARD CLEAR COAT at a coverage rate of 200 sq. ft./gallon.

Additional material may be required for coverage of corrugated roof panels depending on rib size, height and degree of surface porosity.

Equipment Recommendation

Airless Spray: Pneumatic, hydraulic, or electric pump with a minimum 1,800 psi material output pressure. Reversible spray tip with a 0.013" to 0.019" orifice and a 40 to 60 degree spray fan. Material spray lines must be properly rated for the maximum working pressure of the pump being used.

Roller: Short to medium nap

Brush: China bristle, nylon/polyester, or nylon

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 Safety Data Sheet (SDS) for precautionary information.

TECHNICAL DATA

Grade	Brush/roll/spray
Color	Clear
Thinning	Do not thin
Clean Up	Water
Storage Life	One year in unopened containers



REPUBLIC
RESTORATION SYSTEMS
TREMCO

SOLARGARD® CLEAR COAT



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The information provided on this data sheet is effective as of May 2016 and supersedes all previous data concerning this product and its application.

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