

Solargard® Seam Sealer

Polyurethane sealer

FEATURES

Single component sealer

Waterproofing seal

Versatile

BENEFITS

- Quick and easy to apply
- Durable
- Can be used as a stand alone sealant or with SOLARGARD coating systems
- Can be used at temperatures down to 30°F

DESCRIPTION

Solargard Seam Sealer is a white, single component, high solids moisture curing, aliphatic polyurethane sealer formulated to provide a tough, flexible film for waterproofing a variety of roofing substrates including metal, weathered single ply, builtup, modified bitumen, polyurethane foam and concrete.

BASIC USES

Solargard Seam Sealer provides a waterproof patch for seams and metal fasteners. It can also be used to seal joints in copings, flashings, vents and parapet walls, and may be applied to other protrusions on a variety of roofing surfaces. It can be used with Permafab fabric in areas of high stress.

SHELF LIFE

Approx. 6 months in an unopened container

APPLICATION

Preparation: All surfaces must be clean and free from dirt, grease, oil, loose gravel, loose paint, 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.

If surface was previously coated, please contact the Tremco Roofing Technical Department for surface preparation recommendations.

Application: Apply Solargard Seam Sealer by brush, working material into overlaps and around fasteners to completely encapsulate. Permafab fabric should be incorporated into the repair for areas of high stress, including flashings. Solargard Seam Sealer can be used as a stand alone repair material or in conjunction with an approved Tremco coating system to extend the service life of the application.

Allow to completely dry before top coating. If left uncoated for more than 72 hours, an application of Geogard Primer will be required to promote adhesion between coats. Environmental conditions with extremes in temperature and humidity may affect cure rates.

Refer to appropriate application specifications for additional information.

CURE TIME

24 hours tack free

COVERAGE

Approximately 60-100 lineal feet per gallon @ 1/8" thick @ a width of 4" - 6". Approximately 30-40 lineal feet per gallon when three coursing using Permafab fabric. Approximately 150-200 fasteners per gallon @ 1/8" thick. The surface dictates the actual coverage needed.

LIMITATIONS

- Do not apply when air or surface temperature is below 30°F or when rain is imminent.
- Do not apply over damp or frosted surfaces.
- Not intended for service over tar, silicone based caulks or coatings, or below grade.
- Once opened, if any coating has skinned on surface of pail, remove it.
- Do not mix coating skin back into pail.

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PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Density @ 77F	10.1 lbs./gal	ASTM D1475-98
Elongation	700%	ASTM D412-98a
Tensile Strength	270 psi	ASTM D412-98a
Tear Strength	35 pli	ASTM D412-98a
Dry Time	24 hours tack free	ASTM D 1640
VOC	75 g/l	

MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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