

PRODUCT IDENTIFICATION

GEOGARD® Seam Sealer

#49205 - 5 gallon pail

#49201 - 1 gallon container
(4 per case)

POLYURETHANE SEALER

Description

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

Uses

GEOGARD 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.

Advantages

GEOGARD Seam Sealer provides a quick, durable waterproofing seal that is easy to apply. It can be used as a stand alone sealant or in conjunction with Republic coating systems. GEOGARD Seam Sealer can be used at temperatures down to 30°F.

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. This product is a moisture cured urethane. Once opened, if any coating has skinned on surface of pail, remove it. DO NOT MIX IT INTO REMAINING COATING.

Coverage

Approx. 60-100 lineal feet per gallon @ 1/8" thick in a width of 4" - 6".

Approx. 30-40 lineal feet per gallon when three coursing using PERMAFAB fabric.

Approx. 200 fasteners per gallon @ 1/8" thick.

The surface dictates the actual coverage needed.

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 Republic Technical Department for surface preparation recommendations.

Application

Apply GEOGARD 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. GEOGARD Seam Sealer can be used as a stand alone sealant or in conjunction with Republic coating systems. Allow to completely dry before top coating. If left uncoated for more than 72 hours, GEOGARD Primer may need to be used to reactivate GEOGARD Seam Sealer prior to applying a Republic coating system. Environmental conditions with extremes in temperature and humidity may affect cure rates.

Refer to appropriate application specifications for additional information.

TECHNICAL DATA

Weight per Gallon (ASTM D 1475)	10.5 lbs.
Solids by Volume	80%
Elongation (ASTM D 412)	220%
Tensile Strength (ASTM D 412)	270 psi
Dry Time (ASTM D 1640)	24 hours to tack free
Flashpoint (Seta Flash)	119°F
Clean Up	Republic Thinner #1 or Xylene
Shelf Life	Approx. 6 months in an unopened container


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GEOGARD[®] Seam Sealer

Maintenance

It is recommended that the system be checked on a regular schedule with additional inspections after the system has been exposed to severe conditions. 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.



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