



Transportation  
Sealants & Adhesives

TECHNICAL  
DATA

# GEOBOND ROOF REPAIR

## FIBERED BRUSHABLE SEALANT

### 1. PRODUCT DESCRIPTION:

Geobond Roof Repair is a single component, brushable elastic sealant with rubber-like flexibility. Geobond Roof Repair is a permanent solution for roof leaks and will stop leaks immediately, even in wet conditions.

#### Basic Uses:

- Stops leaks immediately and permanently
- Adheres to metal and fiberglass surfaces, SPF, EPDM, Hypalon®, Neoprene, TPO, PVC, Kemlite, and other prefabricated or composite sheets
- Fibered for strength
- Will function in severe UV, heat, acid rain, and foot traffic
- Exhibits adhesion to most roofing materials, including damp, oily, or slightly dirty surfaces
- Withstands water contact immediately after application to stop leaks
- Mildew resistant
- Paintable
- Applies in extreme temperature ranges, including wet and icy conditions

#### Composition and Materials:

Geobond Roof Repair's formula produces a product with exceptional adhesion, flexibility, and resistance to tear, shear, stress, and weathering. Geobond Roof Repair is 100% non-toxic when fully cured.

#### Grade:

Self-leveling, brushable grade consistency

#### Primers:

Not required on most surfaces. If primerless adhesion to a particular substrate is in question, a test application is recommended. Contact Geocel's Technical Service Department for further information.

#### Packaging:

Quart, 1-gallon, and 5-gallon

**Colors:** Clear, bright white, and aluminum

#### Limitations: Not recommended for:

- Polystyrene insulation sheathing
- Areas where food is processed or stored unless sealant is allowed to cure until solvent dissipates
- Contains solvents which may craze some plastic materials

### 2. TECHNICAL DATA: (See chart on back.)

### 3. INSTALLATION:

#### Surface Preparation:

For best results, areas to be sealed should be basically clean and surface dry, although moderate amounts of dampness will not interfere with adhesion. For maximum adhesion to heavily oiled or dirty surfaces, areas to be sealed may need to be wiped with a solvent and allowed to dry. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended. Contact Geocel's Technical Service Department or representative if such agents are involved.

#### Application and Tooling:

On metal, concrete, or asphaltic surfaces, apply Geobond Roof Repair with brush, trowel, or putty knife, tooling into seams and cracks using criss-cross strokes. Extend Geobond Roof Repair coverage 3" to 4" beyond problem area to ensure seal. Apply at a rate of 1/16" to 1/8" per coat. Geocel Poly Mesh Fabric is recommended for use in conjunction with Geobond Roof Repair for cracks, seams, or holes 1/4" to 1" wide, or around chimneys, skylight frames, flashings, or other roof protrusions. For applications on EPDM seams, a Poly Mesh Fabric or EPDM patch must be used. For best results, the Poly Mesh Fabric or EPDM patch should overlap the seam or repair area by 1" on each side. Avoid placing Geobond Roof Repair directly on or underneath the seam edge as this may cause swelling. Apply Geobond Roof Repair parallel to seam edge 1/2" away, and leave the EPDM seam edge free of sealant. Place the Poly Mesh Fabric or EPDM patch over repair area and into the wet Geobond Roof Repair. Finally, apply another coat of Geobond Roof Repair over the top of the Poly Mesh Fabric, feathering the sealant 2" to 4" beyond Poly Mesh Fabric edges or EPDM patch on all sides. Allow 24 hours to cure. Inspect and recoat if necessary. Paint if desired after Geobond Roof Repair has cured, typically 3 to 5 days.

#### Cleaning:

Remove Geobond Roof Repair from gun and tools before it cures. This may be done by scraping and use of solvents such as MEK (lacquer thinner), xylene, Toluol or chlorinated solvents. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

**Storage Life:** One year (unopened cans)

#### Warning:

This product contains a chemical known to the state of California to cause cancer. Harmful or fatal if

## TECHNICAL DATA

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Density	9.24/gallon
Adhesion	Excellent to most common building materials
Viscosity	Approx. 15-20M cps (Brookfield DV-III C Spindle 72° F)
Elongation	Greater than 400%
Tensile Strength	Greater than 200 psi
Service Temperature	-40° F to 250° F
Water Vapor Transmission	1.18
Water Vapor Permeance Metric	.05 mg/cm <sup>2</sup> /24 hours

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swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well ventilated area. Avoid prolonged skin contact. Combustible (during cure). **KEEP OUT OF REACH OF CHILDREN.**

### 4. AVAILABILITY AND COST:

Geobond Roof Repair is marketed throughout the U.S., Canada, and in select foreign markets. It is available from various specialty transportation, RV, marine, and manufactured housing distributors. Costs and further technical data are available from your local Geocel representative or from Geocel Corporation's corporate offices.

### 5. LIMITED WARRANTY:

Geocel Corporation warrants that the product is manufactured according to their published standards and that the product is free from defects. The company guarantees for 30 years from the date of manufacture that Geobond Roof Repair will not crack due to normal expansion and contraction and that it will not lose its adhesion or cohesion. Geocel Corporation will, at its option, either refund the purchase price of, or provide replacement for, that portion of the Geobond Roof Repair which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel Corporation will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from Geobond Roof Repair or the use or failure thereof, whether based on breach of warranty or negligence.

### 6. MAINTENANCE:

No maintenance should be required. If the sealant is damaged, either remove and reseal with Geobond Roof Repair, or apply additional Geobond Roof Repair over the damaged area.

### 7. TECHNICAL SERVICES:

Geocel representatives throughout the United States are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

#### THEORETICAL YIELD PER GALLON

Surface Type	Thickness	Sealant Yield (approx.)
Smooth (sheet metal)	1/16"-1/8"	60-80 sq.ft.
Porous(wood)	1/16"-1/8"	25-35 sq.ft.