

ELASTOMERIC SEALANT

Construction Tripolymer Sealant

Elastomeric sealant is a single component, high-performance construction tripolymer sealant for use in a wide variety of roofing, trim, architectural, metal, manufacturing, underdeck system, solar roof system, and general construction applications..



BENEFITS & FEATURES

- Will not crack
- Asphalt shingle compatible
- Exceptional elongation and flexibility
- Excellent adhesion to many building surfaces, even when damp
- UV resistant
- Resealable, may be applied over itself
- Paintable
- Easily applied, non-stringing formulation
- Available in crystal clear, colors, and specially designed metal roof colors
- Cured sealant is mildew resistant

BASIC USES

- ▶ Most non-traffic-bearing joints, including those where structural movement or stress is expected.
- ▶ Primerless application to brick, concrete, metal, glass, treated and untreated wood, asphaltic materials, and vinyl
- ▶ Where UV resistant material is required
- ▶ Where a paintable sealant is required
- ▶ As a trim sealant for metal components

ADHERES TO

Asphalt shingles, coated steel (Kynar 500® based finishes), concrete, vinyl, steel, and other common roofing substrates.

SOLVENT TECHNOLOGY

Composition and Materials:

Sealant is based on a proprietary formulation of polymers designed to provide optimum flexibility, adhesion, weather resistance, and durability. Sealant retains its flexibility due to absence of plasticizers, which tend to migrate out causing hardening and reduced durability. Due to the mild solvent blend contained in the sealant, Sealant is not a flammable liquid according to NFPA liquid guidelines. It is weather and UV resistant. Its clear formulation is literally clear as glass from the moment of application.

GRADE

Gun-grade consistency

PRIMER

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

LIMITATIONS

- ▶ Do not use on traffic-bearing surfaces
- ▶ Do not use on extruded polystyrene insulating sheathing (foam board, etc.)
- ▶ Do not use on acrylic skylight glazing surfaces
- ▶ Do not use in areas where food is stored or processed
- ▶ For exterior use only due to odor emitted during cure
- ▶ Do not use for portable water applications

10.3 OZ
(24 tubes/case)



Clear

TS381900



White

TS381901



Gray

TS381902



Black

TS381903



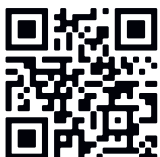
Brown

TS381904



Bronze

TS381905



Scan the QR code to access additional information.

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INSTALLATION

JOINT DESIGN

For optimum results, joints should be a minimum of 4 times greater than anticipated movement. Minimum recommended joint size is 1/4" x 1/4". Maximum joint size should be 1/2" x 3/8" in depth.

SURFACE PREPARATION

Priming is not required unless specified above. For best results, joints should be basically clean and surface dry, although dampness from dew will not interfere with adhesion. Do not use xylene or MEK to clean joints or to remove surface coatings unless the surface is allowed to dry before application of sealant. If the joint is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended. Contamination from curing agents and from releases should be avoided. Contact Geocel Products Group's Technical Service Department or their representative if such agents are involved.

Joint Size	Linear Feet
1/4" x 1/4"	24.8
1/4" x 3/8"	16.5
1/4" x 1/2"	12.4
1/2" x 3/8"	8.7

JOINT BACKING

Joint depth should not exceed 3/8". An open cell backer rod should be used to control joint depth. In shallow joints, a bond breaker tape should be installed to prevent three-point contact. Application and Tooling: Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F (4.5° C), application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F (60° C), do not apply sealant until surface cools. A soap solution may be used as a lubricant for tooling. Do not allow tooling agents to contaminate open joints.

SHELF LIFE

18 months

CURE

5 days

APPLICATION TEMPERATURE

0°F to 140°F

SERVICE TEMPERATURE

-40°F to 180°F

PAINTING

Sealant may be painted after 24 hours. If using a relatively inflexible paint, allow sealant to cure for four days before painting. Sealant may be coated with any latex and most oil-based plants. Some plants may crack when used on dynamic joints. See paint manufacturer's specifications.

CLEANING

Promptly clean up any excess sealant on surface or tools with a regionally compliant cleaning solvent. Follow manufacturer's precautions when handling flammable or toxic solvents. Wash hands with soap and water.

CAUTIONS:

AVAILABILITY AND COST

Colors may not be sold in California. Clear may be sold in non-SCAQMD California counties only. Available from various construction material and industrial distributors. Cost and further technical data are available from your local Geocel Products Group representative or from our office.

LIMITED WARRANTY

If when applied according to label directions this product fails to perform in accordance with its published literature, upon satisfactory evidence of product failure, and as your sole remedy, we will either replace the product at no cost or refund the original purchase price. Labor or costs associated with labor are not included. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH ARE ALL DISCLAIMED AND/OR LIMITED IN DURATION TO THE EXTENT PERMITTED BY LAW. WE SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS) FROM ANY CAUSE WHATSOEVER AND SUCH DAMAGES ARE EXPRESSLY EXCLUDED. Some states do not allow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

MAINTENANCE

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

STORAGE

Heated storage is not required. Product will not freeze. Store in a clean, dry area.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	RESULTS	TEST METHOD
Shore A Hardness	39 Clear; 19 colors	ASTM C661
Tensile Strength at Peak (psi)	224	ASTM D412
Elongation at Break (%)	1,025	ASTM D412
Tack Free Time	120 mins.	ASTM C793
Adhesion to Aluminum (lbf)	16.4 clear; 8.6 colors	ASTM C794
Adhesion to Kynar® (lbf)	22.9 clear; 8.9 colors	ASTM C794
Adhesion to Wood (lbf)	17.1 clear; 17.3 colors	ASTM C794
Adhesion to concrete (lbf)	21.0 clear; 13.7 colors	ASTM C794

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