

KOOL SEAL

ROOF RESTORATION COATINGS

FREEDOM FLASH ROOF REPAIR SEALANT KS0066920 GRAY KS0066921 WHITE

FEATURES & BENEFITS

- **Easy Application:** Freedom from tape & fabric, no reinforcement needed
- **Fast:** One coat – No need to build up layers
- **Long Lasting:** Remains strong and flexible
- **UV stable:** For optimal performance and longevity, it is highly recommend to top coat with a Kool Seal acrylic or silicone coating.

PRODUCT DESCRIPTION

Kool Seal® Freedom Flash™ Revolutionary Roof Repair Sealant (KS0066920 and KS0066921) is a single-step, one component, fabric free flashing and seam sealer. Freedom Flash provides the freedom from tape & fabric, and adheres to a variety of roofing substrates. Available in white and gray colors.

RECOMMENDED USES

Adheres to EPDM, aged TPO, PVC, metal, concrete, modified bitumen, asphalt, most silicone and acrylic coatings, and other common roof substrates. A pull test is recommended prior to application for all substrates.

General uses include perimeter sealing, through-roof projections, termination points, flashings, fasteners, side and end laps of metal building panels, scrim edges, seams, etc. Can be topcoated with most silicone or acrylic elastomeric roof coating. Not compatible with solvent-based roof coatings. Minimum application @ 60 mils wet film thickness (WFT).

In areas where water collection or ponding water occurs, Kool Seal Tundra silicone topcoat is required.

ORDERING INFORMATION

Part Number	Color/Size
KS0066920-01	Gray (10 fl oz Cartridge)
KS0066920-17	Gray (2-Gallon Pail)
KS0066921-01	White (10 fl oz Cartridge)
KS0066921-17	White (2-Gallon Pail)

PRODUCT CHARACTERISTICS

Technology	Hybrid
Color	Gray and White
VOC	< 1% by wt
Drying Time	Tack Free: 30 minutes; Cure Time: 24 hours; Topcoat: 24 hours.
<i>Dry time is temperature, humidity and film thickness dependent</i>	

PERFORMANCE CHARACTERISTICS

Application Temp	30° F to 140° F
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DRY MIL COVERAGE @ 60 MILS

Gallon	Per Gallon = 25.6 sq.
Cartridge	10 oz = 2 sq. ft.

THEORETICAL YIELD

(PER 10 OZ CARTRIDGE)

Joint Size	Lineal 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"	8.2
1/2" x 1/2"	6.2
3/4" x 1/2"	4.1

THEORETICAL YIELD FOR SEAMS @ 60 MILS

PER GALLON

160 lineal ft. @ 60 mils x 2" wide
108 lineal ft. @ 60 mils x 3" wide
83 lineal ft. @ 60 mils x 4" wide

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SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) or contact your local health authority.

Surface must be power washed (minimum 2,000 psi) to remove dirt, and other foreign matter which could prevent proper adhesion. Surfaces must be completely dry prior to coating. **IMPORTANT: Where ponding water conditions persist beyond 48 hours, roof drains or other corrective measures must be installed to eliminate water build-up prior to coating the roof.** Tighten or replace loose screws. Apply Kool Seal® Storm Patch® Acrylic Rust Primer to existing rusted areas.

APPLICATION

All surfaces must be clean, dry, sound and frost-free.

Apply when surface and air temperatures are between 30°F and 140°F. Do not apply to roofs when surface temperatures exceed 140°F. Surface must be completely dry prior to application. Must apply @ 60 mils wet film thickness if NOT top coated. Kynar must be primed with KS0034800 Kool Seal Acrylic Rust Primer before applying Freedom Flash.

KEEP PRODUCT FROM FREEZING.

GENERAL INSTALLATION AND TOOLING PROCEDURE: Cut tip of nozzle to required width of bead and puncture foil seal. Place cartridge in caulking gun, squeeze trigger to start flow of sealant and apply with steady pressure. Work sealant into joint. Smooth sealant with knife or spatula ensuring good contact between the sealant and the substrate, proper joint width-to-depth ratios and a final, finished appearance. Tooling time : 4-8 minutes.

CLEANUP

100% Virgin Mineral spirits. Follow manufacturer's instructions for safe use.

CAUTIONS

- Use with adequate ventilation.
- Keep out of the reach of children.
- Use a NIOSH-approved respirator, when necessary.
- Do not take internally.
- In case of ingestion, CALL A PHYSICIAN immediately. DO NOT induce vomiting.
- If splashed in the eyes, flush thoroughly with clean water for a minimum of 15 minutes. CALL A PHYSICIAN immediately. May cause irritation to the skin. If brought into contact with the skin, wash thoroughly with soap and water. Seek medical attention if redness or irritation occurs. Avoid breathing vapors and spray mist. Reseal container after each use. Wear protective clothing, gloves and goggles. Read MSDS before using product.

CONTAINS CRYSTALLINE SILICA. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air circulation during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air circulation, or wear respiratory protection (NIOSH approved) or leave the area. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use.

LIMITED WARRANTY

From date of purchase, if this product fails to perform in accordance with the specifications set forth on this label when applied according to label directions, as your sole and exclusive remedy, upon proof of purchase, we will replace the product at no cost or refund the original purchase price. Labor or costs associated with labor not included. This warranty is made to the original purchaser only and is not transferable. This warranty excludes failure due to improper surface preparation, structural defects, or failure of other previously applied products. THIS 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. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

TECHNICAL SERVICES

1-888-321-KOOL (5665) www.koolseal.com

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of KST Coatings and The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your KST or Sherwin-Williams representative to obtain the most recent Product Data Sheet.