



# ONE FLASH PERMANENT ROOF REPAIR SEALANT KST051920 GRAY KST051921 WHITE

## PRODUCT DESCRIPTION

Uniflex® One Flash Permanent Roof Repair Sealant is a premium flashing grade, UV stable sealant that is permanent and flexible. It is a durable, weather resistant seal that provides excellent adhesion to a variety of substrates. Uniflex One Flash can be used as seam sealer when applied in accordance with the conditions and application instructions below. Available in White and Gray colors.

## GENERAL USES

Adheres to EPDM, aged TPO, PVC, metal, concrete, modified bitumen, asphalt, and other common roof 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 Uniflex silicone or acrylic elastomeric roof coating. Not compatible with Uniflex solvent-based roof coatings. If not top coated, apply @ 60 mils wet film thickness (WFT).

In areas where water collection or ponding water occurs, Uniflex silicone topcoat is required.

## PACKAGING INFORMATION

SKU	SIZE
KST051920-43	20 oz. sausage, gray
KST051920-17	2-gallon, gray
KST051920-20	5-gallon, gray - MTO
KST051921-17	2-gallon, white
KST051921-43	20 oz. sausage, white
KST051921-20	5-gallon, white - MTO

## APPLICATION CONDITIONS

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

Apply when surface and air temperatures are between 30 °F and 140 °F. Service temperatures are between -40 °F and 200 °F. Do not apply to roofs when surface temperatures exceed 140 °F. Surface must be completely dry prior to application.

**KEEP PRODUCT FROM FREEZING**

## PRODUCT CHARACTERISTICS

Colors	Gray and White
Vehicle Base	Hybrid
Dry Time:	
Skin Time	30-60 min.
Full Cure	24 hours
<i>Drying Time is temperature, humidity and film thickness dependent.</i>	
Viscosity	72 (Brookfield); 33,800 (Rheo)
Weight Per Gallon	13.7 lb/gallon
Shelf life	1 year
Cleanup	100% Virgin Mineral Spirits

## PERFORMANCE CHARACTERISTICS

Application Temperature	30 °F to 140 °F
Low Temp Flexibility	Pass @ -15 °F
Tensile Strength (ASTM D 412)	115 psi
Elongation at Break (%) (ASTM D 412)	732%
Type "A" Hardness	25
Flash Point	499 °F

## DRY MIL COVERAGE @ 60 MILS

SAUSAGES	GALLONS
Per 20 oz. sausage = 4 sq. ft.	Per Gallon = 25.6 sq. ft.
Per case (16 sausages) = 64 sq. ft.	



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THEORETICAL YIELD FOR SEAMS @ 60 MILS	
PER SAUSAGE	PER GALLON
25 lineal ft. @ 60 mils x 2" wide	160 lineal ft. @ 60 mils x 2" wide
17 lineal ft. @ 60 mils x 3" wide	108 lineal ft. @ 60 mils x 3" wide
13 lineal ft. @ 60 mils x 4" wide	83 lineal ft. @ 60 mils x 4" wide

## PROCEDURES

For best results, remove dust, dirt and contaminants. Surfaces should be clean and dry.

Extrusion instructions: To extrude Uniflex One Flash, the gun is either removed or fitted with a wand without a tip (with or without a flanged end) to deliver a bead 3/4" to 1" wide.

### GENERAL INSTALLATION AND TOOLING

**PROCEDURE:** Cut a hole at the top of sausage and dispense or place sausage in caulking gun, squeeze trigger to start flow of sealant and apply with steady pressure. Work sealant into joint. Smooth sealant with knife, spatula or chip brush 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.

**If Uniflex One Flash is not topcoated, it must be applied @ 60 mils WFT. Kynar must be primed with KST036520 Uniflex Acrylic Rust Inhibitive Primer before applying One Flash.**

### METAL LAP/SEAM DETAIL AND FLASHING APPLICATION:

**IMPORTANT:** Ensure all seams are tight and loose fasteners are snugged down or replaced prior to the application of sealant to lap and seam details. Where excessive roof movement or gaps larger than 1/8" exist,

Apply sealant as described above. Once applied, use a stiff bristle brush or other suitable tool to spread the sealant into a 3"-4" wide strip centered over horizontal laps and seams and around base flashing area to achieve a film thickness of 60 mils. Brush apply two coats of Uniflex One Flash over and around the base of all fasteners, completely encapsulating the fastener head and flange to create a watertight seal. Where excessive roof movement around penetrations, seams, fasteners or gaps larger than 1/8" exist, shall be fastened together in accordance with Metal Roof manufacture published literature at spacing and rate required to ensure an uninterrupted substrate, eliminating gaps

## WARRANTY

Uniflex and The Sherwin-Williams Company warrants Uniflex One Flash Permanent Roof Repair Sealant to be free from defects in materials and manufacturing. Under this warranty, we will provide, at no charge, a quantity of One Flash sufficient to replace any One Flash Permanent Roof Repair Sealant is proven to be defective when applied according to our written instructions and in applications recommended by us as suitable for the product. **THIS WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY REGARDING THE PRODUCT. IN NO EVENT SHALL UNIFLEX OR THE SHERWIN-WILLIAMS COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE OR OTHER DAMAGES ARISING FROM THE USE OR PERFORMANCE OF THE PRODUCT.**

Since methods of application and on-site conditions can affect performance, **UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY MAKE NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THE PRODUCT, AND UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY HEREBY DISCLAIM ALL SUCH OTHER WARRANTIES.**

## DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of KST Coatings- A Business Unit of 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 the publication. Consult your Uniflex Technical Representative to obtain the most recent Product Data Information.

If further information is needed, contact Uniflex Technical Service at 1-888-321-3539.