



ONE FLASH™ PERMANENT ROOF REPAIR SEALANT KST051920 GRAY

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.

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 top coated with Uniflex silicone or acrylic elastomeric roof coating. Not compatible with Uniflex solvent based roof coatings.

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

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. 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

Color	Gray
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
Clean up	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

Per 20 oz sausage = 4 sq ft
Per case (16 sausages) = 64 sq ft

GALLONS

Per Gallon = 25.6 sq ft

THEORETICAL YIELD FOR SEAMS @ 60 MILS

PER SAUSAGE

25 lineal ft @ 60 mils x 2" wide
17 lineal ft @ 60 mils x 3" wide
13 lineal ft @ 60 mils x 4" wide

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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APPLICATION 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 ¾" to 1" wide.

GENERAL INSTALLION 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.

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, Uniflex Polyester Fabric should be used to reinforce Uniflex One Flash Permanent Roof Repair Sealant.

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. For gaps larger than 1/8", Uniflex Polyester Fabric should be used to reinforce the Uniflex One Flash Permanent Roof Repair Sealant. Allow 30-60 minutes for skinning and full cure at 24 hours at 70 °F, 50% relative humidity prior to over coating. **NOTE:** Uniflex One Flash may be finish coated with Uniflex Acrylic Elastomeric Roof Coatings or Uniflex Silicone44™ Rubberized Roof Coating. Do not finish coat with Uniflex Solvent Based Elastomeric Roof Coating.

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 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



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