

Uniflex™ One Flash Roof Repair

51-920 Gray
51-921 White



CHARACTERISTICS

Uniflex™ One Flash Roof Repair is a premium flashing grade, UV stable sealant that is 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 or Gray colors

For use on these surfaces:

Aged EPDM, TPO, PVC, metal, concrete, modified bitumen, asphalt BUR, silicone and acrylic coatings.

General uses:

Sealing through-roof penetrations, flashings, laps, fasteners, termination points, patch repairs and as a pitch pan sealant.

May be top coated with Acrylic or Silicone coatings. **Not for use with Urethane or Aluminum coatings or coatings containing heavy solvents.**

Must be top coated with Silicone coating when used in ponding water areas.

An adhesion test is required to confirm compatibility.

Color: Gray or White

Minimum Coverage:

Wet mils: 60

Dry mils: 60

Drying Schedule 77°F @ 50% RH:

Skin time: 30-60 minutes

To recoat: 24 hours

Full cure: 24 hours

Drying and recoat times are temperature, humidity, and film thickness dependent.

Tinting:

This product may not be tinted.

Product Characteristics:

Elongation (ASTM D 412): 732%

Tensile Strength (ASTM D 412): 115 psi

Low Temperature Flexibility: Pass @ -15°F

Type "A" Hardness: 25

Weight per Gallon: 13.7 lbs

Flash Point: 499°F

Vehicle Base: Hybrid

Shelf Life: 12 months, unopened

APPROVALS

As of 01/01/25, Complies with:

Miami-Dade:

Pending

APPLICATION

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 FROM FREEZING

Surface must be power washed to remove dirt, loose paint and rust, excessive chalk, and other foreign matter which could prevent proper adhesion. Surface must be completely dry prior to coating.

Apply using brush, sealant knife or bulk caulk gun.

IMPORTANT: Where ponding water conditions persist beyond 48 hours, top coating with Silicone coating is required.

For best performance results, avoid coating substrates with elevated surface temperatures.

All surfaces must be clean and dry.

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 appearance. Tooling time: 4-8 minutes.

APPLICATION TIPS

Apply at the recommended film thickness and spreading rate as indicated on the page.

Trim a chip brush bristles to one inch for easier application.

For optimal performance in higher UV areas top coating is recommended.

CLEAN UP INFORMATION

Clean spills, spatters, hands and tools immediately after use virgin mineral spirits. Follow manufacturer's safety recommendations when using solvents.

RECOMMENDED USES

Metal Roofing:

Tighten all fasteners to secure metal lap joints. Apply One Flash at 60 wet mils a minimum of 2 inch wide centered over lap joints.

Low slope Roofing:

Seal open membrane laps and flashings by gunning One Flash into open laps and compress to form a watertight seal.

General (all roof types):

Seal penetrations by applying One Flash at 60 wet mils extending three inches up the vertical surface and 3 inches on the horizontal surface.

Pitch Pans:

Remove 1 inch of existing pitch pan sealant and refill pan with One Flash. Trowel to create a sight dome that sheds water.

Refer to full specifications for additional details.

PACKAGING INFORMATION

| <u>SKU</u> | <u>SMIS</u> | <u>SIZE</u> |
|--------------|-------------|----------------------|
| KST051920-43 | 651047557 | 20 oz sausage- gray |
| KST051920-17 | 651038820 | 2 gallon- gray |
| KST051920-20 | 651038846 | 5 gal. gray- MTO |
| KST)51921-43 | 651208076 | 20 oz sausage- white |
| KST051921-17 | 651208043 | 2 gallon- white |
| KST051921-20 | 651208068 | 5 gal- white- MTO |

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SURFACE PREPARATION

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked coatings should be scraped to a sound surface. Glossy surfaces should be sanded dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Low Slope Membranes:

Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding.
Replace all wet insulation.
Repair all membrane and flashing deficiencies.

PRECAUTIONS: For exterior use only. Protect building inlets from product vapors or fumes. DO NOT allow product to freeze.
Protective clothing, gloves and eye-wear should be used during application of these products. When transporting this product, ensure that lid is tight and pail secure and upright. DO NOT allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective clothes to prevent damage due to accidental spills. For longest life, store in controlled environment, 45°F- 80°F. Avoid continual storage in direct sunlight or at temperatures above 99°F. Seal container when not in use. Do not walk on coating until fully cured. The contents of this container are reactive with moisture in the air. Curing starts immediately upon opening and opened product cannot be returned. Use all contents within one day of opening. DO NOT reuse empty containers.
Ponding water creates excessive weight on roofs and may compromise structural integrity leading to a potential collapse hazard. Always follow the National Roofing Contractors Association guidelines to remove ponding water from roof surfaces. **SLIP WARNING:** Use extreme caution when walking or working on coated surfaces, and apply traction promoting particles in coating if needed for walkway areas. If there will be foot traffic on roof after installation (and cured), embed 40 - 60 lbs. of #11 ceramic granules per 100 sq ft into top layer of coating to create a non-skid finish. Surfaces without granules are slippery when damp or wet. Use OSHA approved fall protection when on roof surface

CAUTIONS

For exterior use.

Protect from freezing.

Do not apply at temperatures below 50°F. Air and surface temperatures must not drop below 35°F during cure time

Before using, carefully read CAUTIONS on label.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty. THIS LIMITED 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

THEORETICAL YIELDS

At 60 WET MILS

SAUSAGES

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

GALLONS

Per Gallon = 25.6 sq. ft.
2 Gallon Pail = 50 sq. ft.

SEAMS At 60 WET MILS

PER SAUSAGE

2" wide: 25 lineal feet
3" wide: 17 lineal feet
4" wide: 13 lineal feet

PER GALLON

2" wide: 160 lineal feet
3" wide: 108 lineal feet
4" wide: 83 lineal feet