



TECHNICAL DATA SHEET

ROOF & FLASHING SEALANT

RF140

EXCELLENT FOR ALL GENERAL ROOF REPAIRS



Description: OSI® RF-140™ Roof & Flash Sealant is manufactured using a special synthetic rubber and select cuts of asphalts. By combining these two materials, the natural tendency of hardening and softening generally associated with asphalt is modified considerably with the rubber. This allows OSI® RF-140™ to cure into a tough, rubbery stage which will expand and contract more readily during temperature variations. In addition, the adhesion characteristics of the asphalt are augmented with a stable tackifying resin which provides a lasting and flexible bond to most surfaces. Unlike other roofing cements, OSI® RF-140™ can be applied at temperatures between 20°F (-6.67°C) and 90°F (32°C) without difficulty in extrusion. Also, it resists the cracking which is common to most types of plastic roof cements.

Available As:

Item #	Size	Color
827579	10 fl oz (295 ml)	Black

Recommended For:

OSI® RF-140™ is primarily used for bonding roof shingles, flashing and all general roof repairs. It may also be used for making minor repairs inside of gutters and downspouts. It is also excellent for fixing minor cracks in asphalt surfaces.

For Best Results:

Not recommended for the following applications:

- Use inside occupied structures or in enclosed spaces
- Applications as an expansion joint control sealant
- Bonding, polystyrene foams and polypropylene or polyethylene plastics
- Continuous water immersion

Features & Benefits:

- Excellent for General Roof Repairs
- Resists Cracking
- UV & Water Resistant
- Cold Weather and Wet Surface Application
- Weatherproof

Coverage:

For a 10 fl. oz. (295 mL) cartridge:

- A 1/4" (6 mm) bead extrudes approximately 30.6 ft. (9.3 m)
- A 3/8" (9.5 mm) bead extrudes approximately 13.6 ft. (4.1 m)



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Typical Uncured Physical Properties:

Color:	Black	
Appearance:	Lump-free paste	
Base:	Synthetic Rubber & Resins	
Odor:	Solvent	
Specific Gravity:	1.302	
Flash Point:	65°F (18°C)	
% Solids by Weight:	80%	
VOC Content:	20% by weight 235 g/l	CARB SCAQMD rule 1168
Shelf Life:	24 months from date of manufacture (unopened)	
Lot Code Explanation:	YYDDD YY = Last two digits of year of manufacture DDD = Day of manufacture based on 365 days in a year Example: 14061 = 61 st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Apply between 20°F (-7°C) and 90°F (32°C) For easier extrusion of sealant at lower temperatures, store cartridge at room temperature at least 24 hours prior to use
Open Time:	20 minutes*
Cure Time:	24 to 48 hours* *Time is dependent on temperature, humidity and depth of sealant applied

Typical Cured Performance Properties:

Color:	Black
Service Temperature:	-20°F (-29°C) to 170°F (77°C)
Water Resistant:	Yes
Hardness:	25 Shore A
Specifications:	Meets the requirements of: <ul style="list-style-type: none">• ASTM D 4586 – Standard Specification for Asphalt-Roof Cement, Asbestos-Free• ASTM D 3409 – Standard Test Method for Adhesion of Asphalt-Roof Cement to Damp, Wet or Underwater Surfaces



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Directions:**Tools Typically Required:**

Utility knife, caulking gun and tool to puncture cartridge seal.

Safety Precautions:

Not recommended for use inside occupied structures. Wear gloves. Wash hands after use.

Surface Preparation:

Apply sealant between 20°F (-7°C) and 90°F (32°C). For easier extrusion of sealant at lower temperatures the material should be kept at room temperature at least 24 hours prior to use. All surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Cut the tip off the cartridge at a 45° angle to desired bead size (3/8" is recommended) and puncture inner seal.

Application:

Using a caulking gun, apply sealant with steady pressure, forcing the sealant into the joint. If the depth of the joint exceeds 3/8" (9.5 mm) the use of a backer rod is recommended. Tooling of the sealant is not necessary or recommended.

Clean-up:

Clean tools and uncured sealant residue immediately with mineral spirits or paint thinner. Cured sealant must be carefully cut away with a sharp-edged tool.

Storage & Disposal:

NOT DAMAGED BY FREEZING. Store in a cool, dry place. Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

Label Precautions:

WARNING! FLAMMABLE. HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION.

WARNING! Contains asphalt, methyl acetate, rosin ester, mineral spirits, acetone and crystalline silica. Vapors may ignite explosively. Do not use or store near heat, sparks or open flame. Do not smoke when using this product. Extinguish all flames and pilot lights and turn off all sources of ignition, including stoves, heaters and electric motors during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross ventilation. Use in a well-ventilated area. Avoid breathing vapors. Avoid contact with eyes and skin. Prolonged or repeated exposure may affect the nervous system causing dizziness, headache or nausea. If you experience eye watering, headache or dizziness, leave the area to obtain fresh air. Do not swallow. **FIRST AID:** If swallowed do not induce vomiting, call a physician or Poison Control center immediately. For eye contact flush with water for 15 minutes, call a physician. For skin contact wash thoroughly with soap and water. If overcome by vapors, get fresh air. **KEEP OUT OF THE REACH OF CHILDREN.**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defect or other reproductive harm.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage or may cause cardiac arrhythmia. **INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.**

Refer to the Safety Data Sheet (SDS) for further information.

Limited Warranty:

This product is warranted to be free from defects in materials when used as directed. Henkel's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Henkel makes no other warranty, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This limited warranty gives you specific legal rights, which vary from state to state. Henkel may be contacted at 1.800.624.7767 M-F 9:00 am to 4:00 pm ET for warranty assistance.

Disclaimer:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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OSI Tougher than the Elements. For Professional Use Only. The Battle will be Fierce.

OSI works side by side with residential builders, contractors and remodeling professionals who use our products everyday on their jobsites. OSI combines this deep understanding with the sophisticated global innovation and manufacturing excellence of Henkel to make the world's best professional-grade caulks, sealants and adhesives.

1-800-624-7767 – Mon-Fri - 9:00a – 4:00p ET

www.ositough.com



OSI Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

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Revision Date: 07/10/2014 Supersedes: 03/19/2013 Ref. #: 957076 Post Date: 07/11/2014