

Through the *ROOF!*®

Clear Waterproof Sealant

DESCRIPTION:

Through the Roof!® is the clear, ultra-elastic sealant made to permanently stop and prevent roof leaks. It effectively seals around a variety of roof fixtures without the messy look of asphalt. Plus, Through the Roof! won't dry hard and crack like traditional asphalt repair products. It expands and contracts with temperature changes, leaving you with a repair that sticks but won't stick out.

WHERE TO USE:

- Around common roofing fixtures, including:
- Galvanized metal and aluminum flashing
 - PVC and ABS vent pipe, skylights, gutters, downspouts, ductwork and vents
 - Chimneys, brick, block and mortar
 - Glue down shingles and front edges of flat roof tiles (cedar shake, asphalt, cement, slate and glazed tile)
 - Metal RV roofs
 - Rubber roof membranes (may warp)
 - Roof jacks, cables and air conditioning units

ADHERES TO: (all conform to ASTM C-794)

Most building materials including:

Metals

- Aluminum • Brass • Steel
- Copper • Silver

Plastics

- ABS • Vinyl • Polycarbonate
- Lexan®* • PVC • Fiberglass
- Nylon • Acrylic sheet/Plexiglass

Other Surfaces

- Asphalt • Brick • Ceramic Tile
- Concrete • Mortar • Polyurethane
- Stucco • Glass • Terra Cotta
- Cement • Wood • Cloth/Canvas
- Stone • Polyisobutylene
- EPDM rubber (may warp)

COLORS:

- Clear

PACKAGING:

- Cartridge grade: 10.5 oz. plastic cartridges
- Brush grade: 1 quart and 1 gallon cans
- Brush grade: 1 quart and 1 gallon VOC compliant cans

COVERAGE:

A 10.5 oz. cartridge will cover approx. 30 lineal feet with a ¼" (6mm) bead. A quart can will cover approx. 3 sq. ft. at 1/8" thick.

PAINTABILITY:

With latex paint/stain after 24 hours or oil-based paint/stain after 1 week.

*Lexan® is a registered trademark of its respective owner.

FEATURES

- Elastomeric with powerful adhesion – stretches, won't tear, crack or pull away
- Ultra clear
- Excellent UV resistance
- Lasts 2-3 times longer than asphalt
- Can be applied to wet surfaces and exposed to rain or snow immediately
- Adheres to most existing roof patches
- Won't freeze
- Limited Lifetime Warranty
- Exclusive stop flow plunger
- Paintable
- Water & mildew-resistant
- High durability
- Full 10.5 oz. in every cartridge

BENEFITS

- Eliminates costly call backs
- Blends in with roof, won't stick out
- Goes on clear, stays clear
- Costs less over time
- Apply in almost any weather
- No extra work to remove old patches
- No wasted caulk in cold weather
- Have confidence that you're using the right product
- Less waste, less mess
- Unlike silicone, paint sticks
- Peace of mind when used outdoors
- Performs well in most any type of climate
- More for your money



WHERE NOT TO USE:

- Areas of submersion or frequent, prolonged puddling
- With polystyrene insulation
- Containment applications
- Plastics not listed should be tested for compatibility before use
- Will not adhere to or is incompatible with Aquaseal[®], Kynar[®], polypropylene, polyethylene, silicone, Styrofoam (it dissolves it), Teflon[®], waxes

APPLICATION:

- Read label and product brochure TRF002, before applying product. Download a copy at sashco.com or call customer service at 800-289-7290 to request information.
- Large beads applied in hot weather (above 95°F) may exhibit slight bubbling. For best results, apply out of direct sunlight.
- Surfaces must be clean and free of frost, loose materials, dust, etc.
- Prepare frosty or icy surfaces by cleaning with alcohol.
- Natural shrinkage may give some joints a concave appearance. Multiple applications may be needed to fill the joint flat.
- If dirt or oils are present on the substrate, wash with any household cleaner, rinse to remove and allow to thoroughly dry.
- Remove any old caulk, especially silicone or silicone residue. Use a silicone remover such as McKanica[®] Silicone Caulk Remover.
- Close ventilation intakes on roof until solvent dissipates (approx. 12 hours).
- Flammable during early cure (approx. 24-48 hrs.) Fully cured in 1-2 weeks. Paintable with latex paint/stain in 24 hours or oil-based paint/stain after one week.

Cartridge Grade:

- Insert backer rod into joints deeper than 1/2" to provide for proper sealant depth and a stronger, longer lasting seal.
- Gun Through the Roof into the joint.
- Tool for a smoother bead using mineral spirits or soapy water.

Brush Grade:

- Use a foam or paint brush to apply Through the Roof! 1/16" – 1/8" thick. Due to flammability, do not apply over 1/4" thick.
- Work the product onto the surface to ensure optimum adhesion.

STORAGE AND CLEAN UP:

- Clean tools, and unwanted surface spills with mineral spirits.
- Clean hands with citris-based hand cleaners.
- Through the Roof! can be stored if the nozzle is tightly wrapped with plastic wrap and a rubber band. Seal cans tightly with original lid.

TYPICAL PROPERTIES:

Property	Value
Joint Size	Cartridge - up to 2" wide; Brush - N/A
Clarity (NTU):	Cartridge - < 13; Brush - < 15
Application Range	0°F to 120°F (-18°C to 49°C) surface temperature
Service Range	-25°F to 180°F (-34°C to 82°C)
Tensile Properties	Cartridge - Recovery at 50% stretch: 96% in 1 minute Cartridge - Recovery at 100% stretch: 96% in 1 minute Brush - Recovery at 50% stretch: 100% in 3 minutes Brush - Recovery at 100% stretch: 96% in 5 minutes
VOC	Cartridge grade: 380 g/L Brush grade: 550 g/L; Low VOC brush grade: <300 g/L

TEST DATA:

Property	Results	Test Method
Hardness, Shore A	Cartridge - 35; Brush - 33 (21-day cure)	ASTM C-661
Slump	Cartridge - < 1/8"; Brush - slumps	ASTM D-2202
Solids	Cartridge grade: 55.9% by weight Brush grade: 36.1% by weight Low VOC brush grade: 45.2% by weight	ASTM C-1250
Extrusion Rate	Cartridge - 80 g/min (1/8" orifice at 40 psi) Brush - N/A	ASTM C-603
Cured	1 week (dependent on temperature, humidity and bead size/thickness)	ASTM C-679
Tack-free	30 minutes	ASTM C-679
Low Temp. Flexibility	Pass	ASTM C-734
Freeze-Thaw Stability	Won't freeze	ASTM C-731
Adhesion-in-peel Passing Substrates	See "ADHERES TO" section on front page	ASTM C-794

SPECIFICATIONS:

Meets FHA requirements.

The data reported here are believed to be reliable. No warranty is made concerning the accuracy of or the results obtained from their use. *Aquaseal[®], Teflon[®], Kynar[®] and McKanica[®] are registered trademarks of their respective owners.

DANGER: FLAMMABLE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. Call physician immediately.

Contains toluene and other petroleum distillates. Keep away from heat and open flame. When using do not eat, drink, or smoke. Use only in a well-ventilated area. May be harmful if inhaled. May affect the brain or nervous system causing dizziness, headache, or nausea. Avoid breathing vapors. Keep container tightly closed when not in use.

First Aid: If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with water for 15 minutes and get medical attention. In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothing and wash right away. Call doctor if skin irritation persists. If swallowed, get medical attention immediately. Do not induce vomiting.

Keep out of reach of children!

Refer to the MSDS for this product as needed.

Notice: Reports have indicated that repeated and prolonged occupational overexposure to solvents can lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the vapors from this product may be harmful or fatal.

WARNING: This product contains a material which is reported by the State of California to cause birth defects or reproductive harm.

Limited Lifetime Warranty: Sashco warrants this product will substantially meet published specifications on the date of sale. If it fails to do so, return unused portion with original sales receipt for replacement or refund, at Sashco's sole option. These are purchaser's sole and exclusive remedies for any breach of warranty. Purchaser must determine suitability of product for purchaser's specific needs and assumes all risk associated with its use. Sashco will not be liable for direct or indirect damages.

Except as stated above there are no warranties for this product. **The foregoing express warranty is in lieu of all other warranties, express or implied, including without limitation implied warranties of merchantability or fitness for a particular purpose, which warranties are specifically excluded and disclaimed.** This Limited Warranty gives you specific legal rights. You may have other rights which vary from state to state. Some states do not allow exclusion of implied warranties in consumer or other sales, limitations on the duration of implied warranties, or exclusion or limitation of incidental or consequential damages. Thus, the limitations or exclusions contained above may not apply to you depending upon your specific circumstances.

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