

## Caution: Flammable

Contains toluene and other petroleum distillates. Sealant will burn. Vapors may ignite explosively for a period of 24 hours after application. Keep away from heat, open flame and chimney embers. Do not smoke near application. Turn off pilot lights and other ignition sources. Do not use electrical devices such as switches, motors, etc. Avoid using metal tools or objects, as they could cause sparks. Use only in a well-ventilated area.

## 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.

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.



### Alyster Plunger

10.5 cartridges come with Sashco's unique Alyster plunger.

A flexible telescopic diaphragm not only stops material flow, it actually pulls material back into the nozzle!

- **Tight Seal** – Increases shelf life and minimizes leakage.
- **Stop Flow** – The flexible telescopic diaphragm assures that material flow will stop when caulk gun pressure is released.

## Typical Properties

PROPERTY	VALUE	
<b>Color:</b>	Clear	
<b>Packaging:</b>	10.5 oz. fiber cartridges or 1 quart and 1 gallon cans	
<b>Joint Size:</b>	Cartridge - up to 2" wide; Brush - N/A	
<b>Paintability:</b>	With latex paint/stain in 24 hours or oil-based paint/stain after 1 week	
<b>Joint Size</b>	Cartridge - up to 2" wide; Brush - N/A	
<b>Clarity (NTU):</b>	Cartridge - < 13; Brush - < 15	
<b>Application Range</b>	0°F to 120°F (-18°C to 49°C) surface temperature	
<b>Service Range</b>	-25°F to 180°F (-34°C to 82°C)	
<b>Tensile Properties</b>	Cartridge - Recovery at 50% stretch: 96% in 1 minute at 100% stretch: 96% in 1 minute Brush - Recovery at 50% stretch: 100% in 3 minutes at 100% stretch: 96% in 5 minutes	
<b>VOC</b>	Cartridge grade: 380 g/L Brush grade: 550 g/L; Low VOC brush grade: <300 g/L	
PROPERTY	RESULTS	TEST METHOD
<b>Hardness, Shore A</b>	Cartridge - 35; Brush - 33 (21-day cure)	ASTM C-661
<b>Slump</b>	Cartridge - < 1/8"; Brush - slumps	ASTM D-2202
<b>Solids</b>	Cart. grade: 55.9% by wt. Brush grade: 36.1% by wt. Low VOC brush grade: 45.2% by wt.	ASTM C-1250
<b>Extrusion Rate</b>	Cartridge - 80 g/min (1/8" orifice at 40 psi) Brush - N/A	ASTM C-603
<b>Cured</b>	1 week (dependent on temperature, humidity and bead size/thickness)	ASTM C-679
<b>Tack-free</b>	30 minutes	ASTM C-679
<b>Low Temp. Flexibility</b>	Pass (not artificially weathered)	ASTM C-734
<b>Freeze-Thaw Stability</b>	Won't freeze	ASTM C-731
<b>Adhesion-in-peel</b>	See "ADHERES TO"	ASTM C-794
<b>Passing Substrates</b>	section inside this brochure	

### 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.*



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TRF 002 03-11

# Through the ROOF!

## Clear Roof Sealant



### Gutters



### Flashing



### Shingles



### Vents

For a CLEAR Flexible  
Seal Around ALL  
Roofing Materials

Sticks  
to WET  
Surfaces





## Seals everything that goes Through the Roof!

Wind gusts and weather changes put your roof in constant dynamic motion. Asphalt roof caulks dry hard and crack – they can't handle the movement. But

Through the Roof! can! It's the clear, ultra-elastic sealant made to permanently stop and prevent roof leaks.

### Through the Roof! sticks to most common roof fixtures and materials, including:

- Galvanized metal and aluminum flashing
- PVC and ABS vent pipe
- Brick, block and mortar
- Cedar shake, asphalt, cement, slate and glazed tile shingles
- Metal RV roofs



## Why use Through the Roof?

- Excellent adhesion combined with ultra elasticity.
- Waterproof – repels water immediately and for years to come.

- Super clear – seals over tile, brick, and shingles invisibly!
- No more sticky, unsightly black tar.
- Excellent UV resistance.
- Can be applied to wet surfaces - even in the rain!
- Expands and contracts with temperature changes.

## Where to use



### Around common roofing fixtures, including:

- Galvanized metal and aluminum flashing
- Skylights, gutters and downspouts
- Brick, block and mortar
- Glue down shingles and front edges of flat roof tiles

- Vents
- Chimneys
- Ductwork
- Skylights
- Cables
- Roof jacks
- Air conditioning units
- Rubber roof membranes (may warp)

*Note: In the past, we didn't recommend Through the Roof! for use on rubber roof membranes due to a purely visual effect of wrinkling or warping of the membrane. This does not affect performance.*

### 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)

## 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, styro-foam (it dissolves it), Teflon®\*, waxes.

*\* Lexan®, Kynar®, Aquaseal® and Teflon® are registered trademarks of their respective owners.*

## Before you start: good tips to know

- Be sure you've located the source of any roof leaks to make sure you apply Through The Roof! in all the necessary locations.
- Check the weather. Large beads and/or thick layers of Through the Roof! applied in hot weather (above 95°F) may exhibit slight bubbling. For best results, apply out of direct sunlight.
- Through the Roof! cures by solvent evaporation. Lower temperatures and higher humidity can extend cure time.
- Do not apply to frosty or icy surfaces. Prepare these areas by cleaning with alcohol.
- To ease gunning in cold weather, keep warm until use.
- Natural shrinkage may give some joints a concave appearance. Multiple applications may be needed to fill the joint flat.

## Application Steps

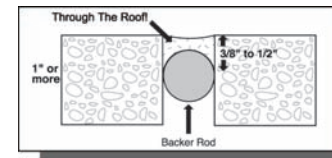
### Substrate/Surface Prep

- If dirt or oils are present, wash with any household cleaner, rinse to remove and allow to dry.
- Cut away any loose roofing materials.
- Surfaces previously sealed with silicone should be cut away and/or all silicone removed. We recommend McKanica® Silicone Caulk Remover\*.

*\*McKanica® is a registered trademark of Jakqumar AG Corporation Switzerland, Zug, Switzerland.*

## Applying Through the Roof!

### Cartridge Grade



- Joint design: Insert backer rod into joints deeper than 1/2" to provide for proper sealant depth and a stronger, longer lasting seal that actually uses less

Through the Roof! (refer to diagram for details).

- Choose bead size: cut the spout at a 45° angle to your desired bead size and puncture the inner seal.
- Gun Through the Roof! in the joint and release the trigger at the end of each bead.
- For a smoother bead with mineral spirits or a soapy finger.

### Brush Grade



- Using a foam brush or paint brush, apply Through the Roof! 1/8" – 1/4" thick.
- Be sure to work the product onto the surface to ensure good contact and optimum adhesion.

## Clean Up & Storage

- Clean tools, hands and skin with mineral spirits, paint thinner or citrus-based cleansers.
- Leftover Through the Roof! can be stored if sealed tightly. Wrap cartridge nozzles tightly with plastic wrap and a rubber band. Seal can tightly with the original lid.

*For additional application tips and information on other Sashco high performance products, visit [www.sashco.com](http://www.sashco.com)*