

SEALS EVERYTHING THAT GOES **Through the ROOF!** the Seals Leaks Asphalt Can't

TECHNICAL DATA SHEET

When there's a nagging roof leak that others can't fix, or when you don't want to take your chances, use Through the ROOF!® Its unique co-polymer rubber formula creates a permanent seal, even when applied in the middle of a rain storm. (It works great on dry surfaces, too.) Through the ROOF! will stick to almost any roofing surface – metal, plastic, asphalt, wood, concrete, and more. Plus, it won't freeze. So go ahead and fix that gutter in a Minnesota winter.

Compatible with

For repairs that stick, but won't stick out, use Through the ROOF! on common roofing fixtures, including:

- ✓ Aluminum
- ✓ Brass
- ✓ Copper
- ✓ Galvanized steel
- ✓ Powder-coated metals
- ✓ Ceramic tile
- ✓ Concrete
- ✓ Glass
- ✓ Mortar
- ✓ Polyisobutylene
- ✓ Stone
- ✓ Tile
- ✓ Vinyl
- ✓ Wood
- ✓ Stucco
- ✓ Terra cotta
- ✓ Steel
- ✓ Brick
- ✓ Asphalt shingles
- ✓ Acrylic & polycarbonate skylights

May Not be Compatible with

Adhesion is poor on the following substrates. A test patch is recommended:

- Aquaseal®*
- Kynar®*
- Silicone
- Teflon™
- Polypropylene
- Polyethylene
- Waxes
- TPO
- *Plastics not listed should be tested for compatibility before use.*

Through the Roof! has excellent adhesion on these surfaces, but it can wrinkle them. A test patch is recommended:

- EPDM
- Vulcanized rubber
- TPO

Do not use on:

- Polystyrene foam insulation
- Not for use in areas of prolonged immersion

Description	Case Pack	Item #	Item UPC
10.5 OZ. Clear	12	14010	031525140100
1 Quart Clear	6	14003	031525140023
1 Gallon pail Clear	2	14004	031525140049
1 Quart can Clear - VOC	6	14023	031525140230
1 Gallon pail Clear - VOC	2	14024	031525140247
10.5 OZ Black	12	14060	031525140605
10.5 OZ Black - VOC	12	14065	031525140650
10.5 OZ White	12	14030	031525140308
10.5 OZ White - VOC	12	14035	031525140353
Cobra 6-Pack	1	14026	031525140261



Application:

Dry Time

Full cure:
1 week (depending on temperature and humidity)

Paintable:

1-2 days with water-based paint
1 week with oil-based paint

Clean up / Removal

Tools: Mineral spirits or paint thinner
Hands: Citrus-based cleaners

Application Range

0° to 140°F (-18° to 60° C)
(Cartridge)
0° to 120°F (-18° to 49° C)
(Brush)

Service Range

-30° to 200°F (-34° to 93°C)

Application

- 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.
 - 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.

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.
- Minimum bead size: 1/4". For best results, use 3/8" or larger.

Brush Grade:

- Use a foam or paint brush to apply Through the ROOF! 1/8" – 1/4" 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 with mineral spirits, paint thinner or citrus-based cleaners.
- Clean hands with citrus-based cleaners.
- Seal brush grade tightly with original lid.
- Cartridges can be stored if sealed tightly. Wrap cartridge nozzles tightly with plastic wrap and a rubber band.



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Typical Properties:

PROPERTY	VALUE
Colors	Clear, Black, and White
Joint Size	Cartridge grade - up to 1" wide at 70°F or lower; Brush grade - N//A
Coverage	Cartridge; 32 lineal feet (with 1/4" bead) Quart; 2.9 sq feet (at 1/8" thick) Gallon; 12.8 sq feet (at 1/8" thick)
Clarity (NTU)	Cartridge grade - < 13; Brush grade - <15
Application Range	0°F to 140°F (-18°C to 60°C) surface temperature
Service Range	-25°F to 180°F (-32°C to 82°C)
Freeze-thaw Stability	Won't freeze
Tensile Properties	Cartridge grade - Recovery at 50% stretch: 96% in 1 minute Cartridge grade - Recovery at 100% stretch: 96% in 1 minute Brush grade - Recovery at 50% stretch: 100% in 3 minutes Brush grade - Recovery at 100% stretch: 96% in 5 minutes
Tack-free	30 minutes
Shelf Life	5 years
TEST DATA:	
PROPERTY	RESULTS TEST METHOD
Durability	25% total joint movement (10 cycles @ -15°F/-26°C) ASTM C719
Hardness, Shore A	Cartridge grade - 35 Brush grade - 33 ASTM C661
Slump	Cartridge grade - < 1/8"; ASTM D2202
Solids	Cartridge grade: 60% by weight Brush grade: 36.0% by weight Brush grade low VOC: 45.4% by weight Cartridge grade low VOC: 53.1% by weight ASTM C1250
Extrusion Rate	80 g/min (1/8" orifice at 40 psi) ASTM C603
Cured	1 week (dependent on temperature, humidity and bead size/thickness) ASTM C679
Low Temp. Flexibility	Pass (-5° F / 20° C) ASTM C793
Adhesion-in-peel Passing Substrates	See "Compatible with" section ASTM C794

SPECIFICATIONS:

- Meets ASTM C920 Class 25 requirements.** *
- **ASTM C793 tested at -5°F/-20°C
- Meets FHA requirements.

The data reported here are believed to be reliable. No warranty is made concerning their accuracy or the results obtained from their use.

*All reported test data is for Through the ROOF! cartridge unless otherwise specified.

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

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.

For a detailed description of the warranty & exclusions, visit www.sashco.com