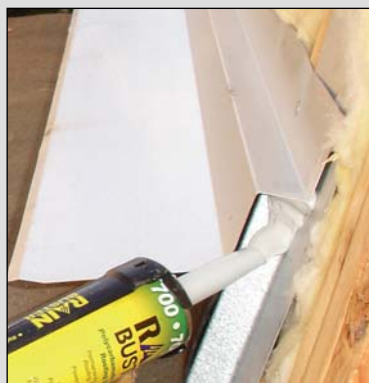
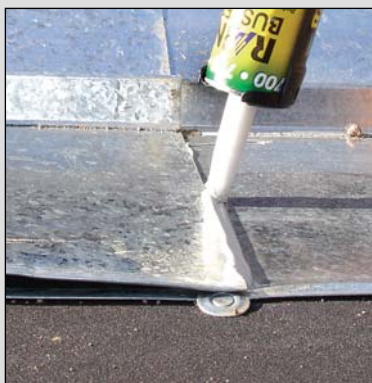


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RAIN BUSTER®

Prevents
Roof Leaks
700
Lifetime Warranty

Polycarbamate/Copolymer Roofing Sealant *High Grade Polyurethane*



SHEET METAL | FLASHING | VENTS | GUTTERS | ROOF JACKS | NEW CONSTRUCTION | REPAIRS | UNDERLAYMENT

The roofing environment is incredibly harsh. It faces wind driven rain head-on. Huge swings in temperature cause massive expansion and contraction of building materials, causing critical joints to shift wildly. This threatens the roof's ability to prevent water intrusion. RainBuster 700 Polycarbamate/Copolymer Roofing Sealant is relied upon to protect the home where it is at its most vulnerable, where failure can be catastrophic.

RainBuster 700 creates a permanent watertight seal on penetrations in the roofing envelope including vents and roof jacks and on water management channels such as sheet metal flashing and gutters. Leading roofing and sheet metal contractors rely on RainBuster 700 to provide their businesses a differentiator in quality. Its combination of tenacious adhesion and permanent flexibility vastly outperforms traditional materials such as cements, mastics, and rigid, solvent based adhesives.

- ▶ Powerful Adhesion
- ▶ Designed for the Extreme Roofing Environment
- ▶ UV Resistant
- ▶ Non-Shrinking and Permanently Flexible
- ▶ Seals Roofing Joints including Flashing
- ▶ Will Not Run or Skin Quicker in Hot Weather
- ▶ Ultra-Flexibility for Extreme Joint Movement
- ▶ For New Construction, Re-Roofing and Repairs
- ▶ Ideal for Emergency Leak Repairs
- ▶ Adheres to Damp Surfaces
- ▶ Paintable (See Painting Section)
- ▶ Non-Flammable
- ▶ VOC, CARB, and AQMD Compliant
- ▶ Lifetime Warranty

The Ultimate Roofing Sealant



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RAIN BUSTER®

Polycarbamate/Copolymer Roofing Sealant



DESCRIPTION

RainBuster 700 Polycarbamate/Copolymer Roofing Sealant offers a high-grade polyurethane formulation designed specifically to perform in the roofing environment. Its premier performance properties have raised the quality standard in roofing sealants. RainBuster 700 is ideal for sealing joints and seams in sheet metal, flashing, vents, coping, roof jacks, gutters, downspouts, chimney caps, and HVAC. Use RainBuster 700 with confidence in new construction, re-roofing, and repairs.

PACKAGING, SHELF LIFE & STORAGE

RainBuster 700 Polycarbamate/Copolymer Roofing Sealant is available in standard 300 ml cartridges (packaged 24 per case). The shelf life is 12 months. Store in a cool, dry place below 80°F for maximum shelf life.

AVAILABILITY AND COST

RainBuster 700 Polycarbamate/Copolymer Roofing Sealant is competitively priced and widely available. Please contact Top Industrial, Inc. at 800-473-1617 or see www.topindustrial.com for a supplier nearest you.

AUTHORIZATIONS

Meets or exceeds:

- ASTM C920 Type S, Grade NS, Class 35, use NT, A and M
- Federal Specification TT-S-00230C (COM-NBS) Type II, Class A
- Canadian Specification CAN/CGSB-19, 13-M87

ENVIRONMENTALLY FRIENDLY

- Qualifies for LEED Credit from U.S. Green Building Council: 1 pt EQ Credit 4.13
- Qualifies for NAHB Green Build Credits: 5 pts Global Impact Credit 7.1.3
- VOC Compliant under AQMD and CARB

LIFETIME WARRANTY

Top Industrial warrants this adhesive to perform as described on its package and associated data sheet for a period of 100 years from the date of purchase. See next page for further warranty details.

Trusted to Prevent Roof Leaks



FLASHING LAP JOINTS

RainBuster 700 seals lap joints where two lengths of flashing meet. It flexes with repeated expansion and contraction of surfaces to maintain a permanently bonded watertight seal. For best results, apply a continuous 1/2" bead to both the inside and outside of the joint. Tool the outside joint bead as necessary (see application and tooling sections). Available in the multiple colors and is paintable (see painting section).



ROOF-TO-WALL FLASHINGS

RainBuster 700 is ideal for use where flashing terminates at walls and chimneys. It flexes to maintain a permanently bonded, watertight seal. For best results, apply a continuous 1/2" bead to both the inside and outside of the joint. Tool the outside joint bead as necessary (see application and tooling sections). RainBuster 700 is available in the multiple colors and is paintable (see painting section).



VENTS

RainBuster 700 seals joints in vents and other roofing envelope penetrations and secures vent structures to underlying bases. It flexes to maintain a permanently bonded, watertight seal. Apply a continuous 3/8"-1/2" bead and tool as necessary (see application and tooling sections). For best results, apply adhesive/sealant to both inside and outside of lap joints. RainBuster 700 is available in the multiple colors and is paintable (see painting section).

GUTTERS: Seals seams in gutters, gutter assemblies and downspouts. Provides outstanding adhesion to vinyl, plastics, galvanized metal and copper. For best results, apply a continuous 3/8"-1/2" bead to both the inside and outside of the joint. Tool the outside joint bead as necessary (see application and tooling sections).

CHIMNEY CAPS: Seals seams and secures chimney caps. Maintains a permanently bonded watertight seal. For best results, apply a continuous 3/8"-1/2" bead to both the inside and outside of the joint. Tool the outside joint bead as necessary (see application and tooling sections).

SKYLIGHTS: Provides a permanent air and watertight seal on seams and supplements mechanical fasteners during installation. Permanently seals fastener entry holes. For best results when sealing seams, apply a 3/8" bead and tool as necessary (see application and tooling sections). When seating skylight during installation, apply a continuous 1/2" bead to both the inside and outside of the joint. Tool the outside joint bead as necessary (see application and tooling sections).

HVAC: Supplements mechanical fasteners in securing HVAC units to their underlying bases. Assists in securing units and can significantly reduce vibration noise caused by HVAC operation. RainBuster 700 also seals perimeter seams in HVAC units. For best results, apply a continuous 1/2" bead to both the inside and outside of the joint. Tool the outside joint bead as necessary (see application and tooling sections).

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APPLICATION: Easy to apply with conventional caulking equipment. Application temperature range: 20F – 120F. If application air temperatures are below 40F, condition product at 70F prior to using for best results. Cut tip at a 45-degree angle. Location of cut will determine desired bead thickness. Puncture seal. Apply sealant to joint. Typically, minimum 3/8"-1/2" beads should be used for proper sealing. Fill joints in continuous beads from deepest point and avoid overlapping of sealant to prevent air entrapment. Adhesive/sealant should wet the joint wall surfaces. Adhesive/sealant provides 1-3 hours working time before skinning. Adhesive/sealant cures with exposure to normal atmospheric moisture with full cure in 1-3 days depending on humidity. May be used on damp surfaces; take steps to remove standing water. For best results, use opened cartridges the same day.

APPROPRIATE SURFACES: RainBuster 700 is appropriate for use in new construction, re-roofs, and repairs on a wide range of common roofing materials including galvanized metals, aluminum, and copper, other metals, concrete, masonry, composition, mortar, underlayment and felts, plastics including PVC, vinyl, fiberglass, nails, and wood.

PREPARATION: For best adhesion results, surfaces should be clean, and free from dirt, dust, oils, release agents, standing water, old sealants, or other contaminants. Dust and loose particles should be blown off surfaces.

JOINT DESIGN: This sealant is ideal for bedding joints, lap joints, butt joints, and fillet joints. Maximum expansion and contraction of joint should not exceed +/- 35%. Minimum recommended depth is 1/4". Maximum recommended depth is 1/2". For joints 1/4" to 1/2" wide, it is recommended that the depth be equal to the width. For joint widths of greater than 1/2", it is recommended that the depth be 1/2". The recommended depth of sealant in horizontal joints subjected to traffic is 1/2".

BACKING: Closed cell polyurethane backer-rod or bond breaker tape should be used when necessary to prevent three-sided adhesion and to control joint depth.

FIELD PRETEST: Due to the varied nature of construction substrates, field-test adhesive/sealant on actual surfaces prior to beginning work. User must determine if results including adhesion are acceptable.

TOOLING: If required, tooling is recommended within 20 minutes after application. Tooling should be done in one continuous stroke. Techniques using solvents or soaps are not recommended. If masking, remove tape immediately after tooling.

CLEAN UP: Clean hands safely with RainBuster Top Towels (citrus wipes). Mineral spirits and other commercial solvents such as xylene, toluene, or methyl ethyl ketone (MEK) may be used to clean up excess smears and tools. The use of solvents may be hazardous to your health. Keep away from open flame and use in well-ventilated area. Follow solvent manufacturer's instructions. Cured adhesive/sealant is difficult to remove and must be done so by abrasion or other mechanical means.

PAINTING OVER RAINBUSTER 700: For best results, apply paint over RainBuster 700 adhesive/sealant 72 hours after application. High quality 100% acrylic paints and primers are recommended. Many roofing specific spray paints are acceptable. Avoid the use of oil base paints as they may exhibit a slow/non-curing condition when in contact with adhesive/sealant. Paint when weather and temperature conditions meet paint manufacturer requirements. Field pre-test for suitability of paint and painting process is required. Contractor must determine suitability. Consult Top Industrial for further information.

MAINTENANCE: No maintenance should be needed. If adhesive/sealant becomes damaged, remove damaged portion. Clean surfaces in damaged area, and repair with fresh RainBuster 700.

PRIMING PRIOR TO APPLICATION: Generally, priming is not required. If adhesion pretest is unacceptable, consult Top Industrial for recommendations.

APPLICATION OVER GLAZED, PRE-PAINTED, OR PRE-PRIMED SURFACES: Pre-painted and pre-primed surfaces typically do not have the adhesive quality or flexibility of RainBuster 700 adhesive/sealant. Lack of adhesive/sealant contact with raw substrate may inhibit ability to maintain bond and seal. Paint or primer may pull away from raw substrate with joint movement.

USE WITH ASPHALT BASED SELF-ADHERED FLASHING (A.K.A. SBS modified asphalt & bituminous material): When used appropriately, RainBuster 700 can be used successfully with asphalt-based flashings. Unlimited contact is acceptable between adhesive/sealant and the permanent polyethylene/plastic-based facer side of self-adhered asphalt flashings. Steps must be taken to minimize contact with the adhesive side of asphalt flashings. Plasticizers in adhesive/sealant may accelerate the normal moistening and softening of asphalt that occurs with heat. Do not apply adhesive/sealant directly to adhesive asphalt side of flashing. Do not apply adhesive side of asphalt flashing directly over adhesive/sealant. Remove excess sealant prior to application of adhesive asphalt side of flashing. User must determine suitability through field pretest. Consult Top Industrial for further information.

LIMITATIONS: Suitability for each intended use must be determined by the user using the information found in this data sheet and an application pretest.

- Not for use over standing surface water or surface frost.
- Not designed to replace use of mechanical fasteners.
- Not for use where subjected to constant water immersion.
- When painted, user must determine paint suitability. See "Painting" section for detailed limitations.
- When used with asphalt-based self-adhered flashings, user must determine suitability through field pretest. See "Use With Asphalt" section for detailed limitations.
- Do not cure in presence of curing silicone sealants. This may interfere with RainBuster 700's curing process.
- Avoid sealant contact with solvent cleaners during cure. This may interfere with RainBuster 700's curing process.

PRECAUTION: Combustible vapor. Uncured sealant may cause allergic skin reaction and eye, skin and respiratory tract irritation. Keep away from sparks and flame. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure to vapors. Use only with adequate ventilation. Wear protective clothing during handling. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN. See material safety data sheet before use (contact Top Industrial or distributor).

FOR CONSTRUCTION AND INDUSTRIAL USE BY QUALIFIED CRAFTSMAN.

FIRST AID: If inhaled, remove to fresh air. If breathing is difficult, give oxygen and call a physician. In case of contact with uncured sealant, immediately flush eyes with water for at least 15 minutes and wash skin with soap and water after using RainBuster Top Towels (citrus wipes). Call a physician if irritation persists. See material safety data sheet for more detail.

LIFETIME WARRANTY DETAILS: Top Industrial, Inc. warrants this sealant/adhesive to perform as described on its package and associated data sheet for a period of 100 years from the date of purchase. Upon proof of purchase, Top Industrial's sole liability, expressed or implied, shall be to replace sealant/adhesive proven defective and is limited to the stated selling price. This warranty is not transferable

from the original purchaser. In no event shall Top Industrial be liable for consequential or incidental damages, resulting from the use of its sealant products.



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BUSTER**

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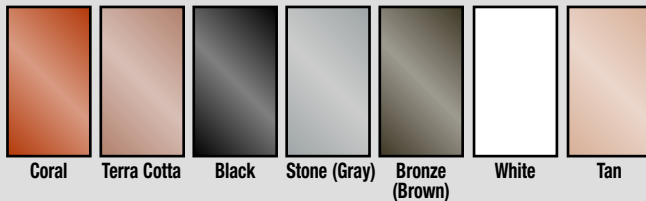
**The Ultimate
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Polycarbamate/Copolymer Roofing Sealant
High Grade Polyurethane

SHEET METAL | FLASHING | VENTS | GUTTERS | ROOF JACKS | NEW CONSTRUCTION | REPAIRS | UNDERLAYMENT

AVAILABLE COLORS



PHYSICAL PROPERTIES

Skin Time	1-3 hours
Cure Time	1-3 days
% Solids96% to 99%
Paintable	Yes – See Limitations
Sag or Slump	None
Clean-Up	Citrus Cleaners
Shrinkage	nil
Chalking or Cracking	nil
Viscosity	Type 2 (Paste)

COVERAGE

300 ML CARTRIDGES APPROXIMATE LINEAR FEET PER CARTRIDGE								
		BEAD WIDTH, INCHES						
		1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
BEAD DEPTH, INCHES:	1/8"	49.6	33.1	24.8	20.0	16.5	14.2	12.4
	1/4"	24.8	20.0	12.4	10.0	8.3	7.1	6.2
	3/8"	–	11.0	8.3	6.6	5.5	4.7	4.1
	1/2"	–	–	6.2	5.0	4.1	3.5	3.1

TYPICAL PERFORMANCE CHARACTERISTICS

(After 7 days cure at 77° F and 50% RH) As Supplied

Hardness (Shore A)	31 – ASTM D 2240
Tensile Strength	200 psi – ASTM D 412
Elongation	1400% – ASTM D 412
Adhesion in Peel	>33 piw T-S-00230C/ASTM C 794
Ozone Resistance	Excellent
Joint Movement Cap.....	±35% TT-S-00230C/ASTM C 719*
UV Resistance	Excellent – ASTM C 793-75
Water Resistance.....	Excellent

DISTRIBUTED BY:

**TRUSTED
RAINBUSTER
QUALITY**

**For more than 25 years,
Top Industrial's RainBuster**

brand has been trusted to prevent leaks in the building envelope and squeaks in floor structures. Today that trust runs deep - RainBuster is specified by the nation's leading builders and trusted by scores of respected contractors.

The reason for the trust is simple...

RainBuster products and services outperform other brands in preventing leak and squeak related call-backs.

January 2008
 Supersedes all Previously Published Literature
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