

900 • 900 • 900 • 900 • 900

RAIN BUSTER®

Prevents Leaks
9000
Lifetime Warranty

Polycarbamate Sealant/Adhesive

High Grade Polyurethane



WINDOWS | DOORS | LATH | CONCRETE | SHEET METAL | SIDING, TRIM | OEM | INDUSTRIAL USE

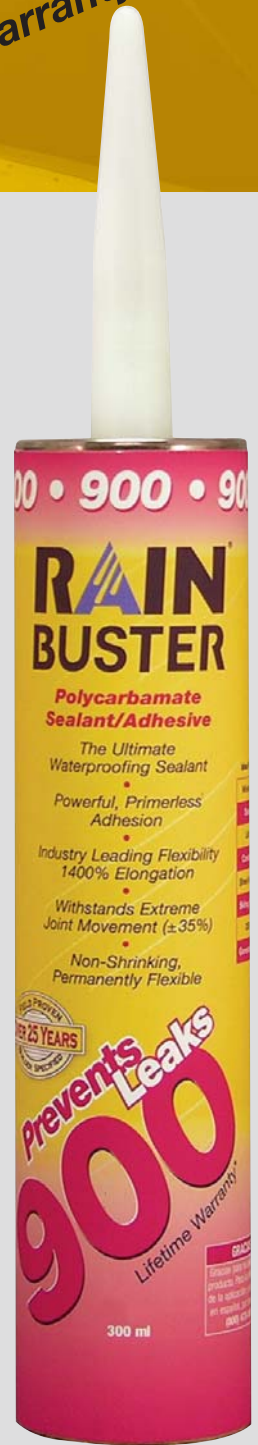
RainBuster 900 is a high performance, polycarbamate elastomeric joint sealant/adhesive. It is trusted as the high quality standard in construction, industrial applications, and original equipment manufacturing.

RainBuster 900 has been formulated to perform under the most challenging conditions. Its unrivaled adhesion and flexibility allow it to maintain an air and watertight seal when faced with up to 35% joint movement.

Specifying RainBuster 900 eliminates the use of lesser sealants that create leak points. RainBuster 900 offers you outstanding quality, backed by a proven company - a combination that gives the ultimate peace of mind in water intrusion prevention.

- ▶ Powerful Primerless Adhesion
- ▶ Outstanding Flexibility
- ▶ Withstands Extreme Joint Movement
- ▶ Non-Shrinking
- ▶ Permanently Flexible
- ▶ Paintable (See Painting Section)
- ▶ Fast Cure, Non-Sag, Easy to Gun
- ▶ Adheres to Damp Surfaces
- ▶ A part of the RainBuster Leak-Free Window Installation System
- ▶ VOC, CARB, and AQMD Compliant
- ▶ Lifetime Warranty

The Ultimate Waterproofing Sealant



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RAIN BUSTER®

Polycarbamate Sealant/Adhesive



DESCRIPTION

RainBuster 900 Polycarbamate Sealant/Adhesive is field proven and trusted to prevent leaks. Its high grade polyurethane formulation is the result of extensive research & development. RainBuster 900 provides an ultra high level of performance under the harshest conditions. Its leading elastomeric properties and its legendary powerful, primerless adhesion to a wide range of building materials make it an ideal choice for varied leak preventing applications. RainBuster 900 is ideal for both new construction and repairs.

PACKAGING, SHELF LIFE & STORAGE

RainBuster 900 Polycarbamate Sealant/Adhesive is available in standard 300 ml cartridges (packaged 24 per case) and 592 ml sausage tubes (packaged 12 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 900 Polycarbamate Sealant/Adhesive 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

Listed in AAMA's Verified Components Program:

- 808.3-92, Exterior Perimeter Sealing Compound
- 803.3-92, Narrow Joint Seam Sealer
- 802.3-92, Type II Back Bedding Glazing Compound

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, 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. See next page for further warranty details.

Field Proven to Prevent Leaks



WINDOWS AND DOORS

RainBuster 900 is ideal for sealing perimeters and bedding mounting flanges on windows and doors. It maintains a watertight seal when faced with repeated joint movement. Recommended for use with RainBuster flashing and RainBuster window installation procedures. Consult Top Industrial for further information. If using RainBuster 900 with asphalt flashings, see "Use with Asphalt" section.



LATH

RainBuster 900 seals through-wall penetrations, nails, and tears in weather resistive barriers, building wrap, and lath paper to permanently waterproof the lath drainage plain and prevent leaks in wall structures. It exhibits tenacious primerless adhesion to building paper, asphalt saturated papers, varied inorganic/non-paper based weather resistive barriers, plastics, and metals.



SHEET METAL

RainBuster 900 is ideal for sealing joints in varied sheet metal flashing, vents, HVAC and ductwork. Provides a permanently flexible watertight seal. Provides powerful, primerless adhesion to both raw and galvanized metals and copper. Paintable (see application section for details).



GUTTERS

RainBuster 900 is ideal for sealing seams and joints in gutter assemblies and downspouts. It provides a permanent watertight seal. It exhibits permanent flexibility and powerful adhesion to metals (including galvanized and copper), plastics, and vinyl. Available in multiple colors. Paintable (see application section for details).

CONCRETE: RainBuster 900 seals cracks, expansion and control joints, and panel joints. Provides excellent adhesive strength and movement capability for a watertight seal. Single part. Paintable (see painting section).

SIDING, TRIM, FASCIA, ARCHITECTURAL DETAILS: RainBuster 900 creates a permanent seal in joints and penetrations in siding, stucco, fascia, trim, and architectural details. RainBuster 900 is an aggressive adhesive and is paintable with water-based paints (see painting section).

SKYLIGHTS: RainBuster 900 is ideal for sealing skylight perimeters and seams to prevent water intrusion. Maintains a permanent watertight seal. Available in colors and paintable (see painting section).

OEM: RainBuster 900 is ideal for sealing/adhering varied manufactured and fabricated parts and structures. It provides a permanent air and watertight seal.

GENERAL CONSTRUCTION & INDUSTRIAL USE: RainBuster 900 is ideal for varied locations where powerful adhesion and/or flexibility are important. For both new work and repairs.

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APPLICATION: Easy to apply with conventional caulking equipment. Application temperature range: 20°F - 120°F. If application air temperatures are below 40°F, condition product at approximately 70°F 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. When applying sealant for bedding of window mounting flanges, make sure minimum 3/8" beads line up with fastener holes. Sealant beads on mounting flanges should be appropriately applied to create desired bead thickness - Do not apply by forcing nozzle down on flange, which will result in thin ribbons rather than substantial beads. Fill joints in continuous beads from deepest point and avoid overlapping of sealant to prevent air entrapment. Sealant should wet the joint wall surfaces and any back-up material. Sealant skins in 1-3 hours; full cure in 1-3 days. For best results, use opened cartridges and sausages the same day.

APPROPRIATE SURFACES: RainBuster 900 is appropriate for use in new construction and repairs on a wide range of common construction materials including wood, vinyl, fiberglass, metals, plastics, masonry, stucco, brick, concrete, fiber cement board, flashings, and house wrap.

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

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 sealant on actual surfaces prior to beginning work. User must determine if results including adhesion are acceptable.

PRIMING PRIOR TO APPLICATION: Generally, priming is not required. If sealant is to be applied to a material with unusual surface characteristics or if adhesion pretest is unacceptable, consult Top Industrial for primer recommendations.

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 sealant is difficult to remove and must be done so by abrasion or other mechanical means.

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

PAINTING OVER RAINBUSTER 900 SEALANT: Painting is appropriate over sealant seams and beads in exterior trim, siding, fascia, masonry, and stucco. Paintable after 72 hours. Do not use oil base paints as they may exhibit a slow/non-curing condition when in contact with sealant. The use of water-based paints and primers is required. High quality 100% acrylic paints and primers are recommended. Paint when weather and temperature conditions meet paint manufacturer requirements. Do not paint when excessively foggy or when there is an abundance of moisture in the air. Take steps to make sure sealant beads are free of contaminants. If during pretest paint does not wet out the entire surface of the sealant bead, contaminants may be present. Clean suspect beads with water spray, allow to dry, and re-apply paint. Oftentimes if paint is not entirely wetting out, an additional application of paint will be successful. Due to RainBuster 900's very tight film, paints may exhibit higher finished sheen levels over sealant than over surrounding, more porous surfaces. RainBuster 900 is not recommended for use as Spackle or wood filler over large areas as these sheen differences may become more visually pronounced. Field pre-test for suitability of paint and painting process is required. Contractor must determine suitability. Consult Top Industrial for further information.

USE WITH ASPHALT BASED SELF-ADHERED FLASHING (A.K.A. SBS modified asphalt & bituminous material): When used appropriately, RainBuster 900 can be used successfully with asphalt-based flashings. Unlimited contact is acceptable between 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 sealant may accelerate the normal moistening and softening of asphalt that occurs with heat. Do not apply sealant directly to adhesive asphalt side of flashing. Do not apply adhesive side of asphalt flashing directly over sealant beads or tooled sealant. Remove excess sealant prior to application of adhesive asphalt side of flashing. When installing windows, excess sealant squeeze out must be removed after setting window and prior to application of adhesive side of asphalt flashing. User must determine suitability through field pretest. Consult Top Industrial for further information.

MAINTENANCE: No maintenance should be needed. If sealant becomes damaged, remove damaged portion. Clean surfaces in damaged area, and repair with fresh RainBuster 900.

LIMITATIONS

- Not designed to replace 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.
- Should not be used on absorptive surfaces such as marble, limestone or granite without prior testing for discoloration or staining.
- Avoid exposure to continuous high levels of chlorine (>5ppm) including those levels found in swimming pools as performance may be compromised.

- Do not cure in presence of curing silicone sealants. This may interfere with RainBuster 900's curing process.
- Avoid sealant contact with solvent cleaners during cure. This may interfere with RainBuster 900's curing process.
- Suitability for each intended use must be determined by the user using the information found in this data sheet and an application pretest.

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. When used as part of the RainBuster window installation system, user is eligible for an enhanced warranty. Consult Top Industrial for more details.

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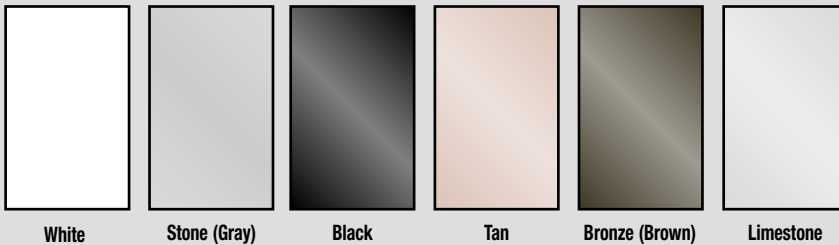
**The Ultimate
Waterproofing
Sealant**



Polycarbamate Sealant/Adhesive
High Grade Polyurethane

WINDOWS | DOORS | LATH | CONCRETE | SHEET METAL | SIDING, TRIM | OEM | INDUSTRIAL USE

AVAILABLE COLORS



PHYSICAL PROPERTIES

Skin Time	1-3 hours
Cure Time	1-3 days
% Solids	96% – 99%
Paintable	Yes – See Limitations*
Sag or Slump	None
Clean-Up	Citrus Cleaners
Shrinkage	nil
Chalking or Cracking	nil

TYPICAL PERFORMANCE CHARACTERISTICS

After 7 days cure at 77 deg. F and 50% RH

Hardness (Shore A)	33 ASTM D 2240
Tensile Strength	Up to 250 psi ASTM D 412
Elongation	1400% ASTM D 412
Adhesion in Peel	>33 piw
.....	T-S-00230C/ASTM C 794
Stain & Color Change	None
.....	TT-S-00230C/ASTM C 510
Ozone Resistance	Excellent
Joint Movement Capability	±35%
.....	ASTM C719, 73°F cure / 73°F cycling
UV Resistance	Excellent - ASTM C 793-75
Water Resistance	Excellent

COVERAGE

		300 ML CARTRIDGES APPROXIMATE LINEAR FEET PER CARTRIDGE						
		BEAD WIDTH, INCHES						
BEAD DEPTH, INCHES:		1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
	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

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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