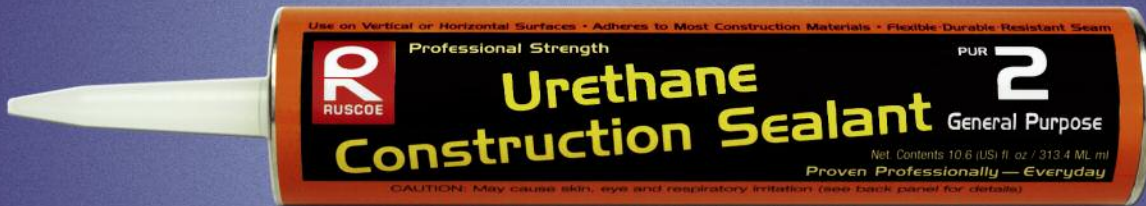
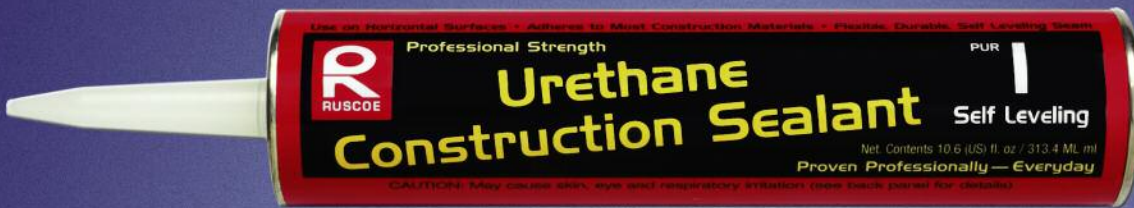




Professional Strength Urethane Construction Sealants

For The Toughest Jobs



PUR-1 Self Leveling

PUR-2 General Purpose

PUR-3 High Strength

Ruscoe Professional Strength Urethane Construction Sealants in formulas PUR-1 Self Leveling, PUR-2 General Purpose, and PUR-3 High Strength combine to provide construction, remodeling and industrial users with a broad based, LOW VOC content family of sealants.

Each consistency is a one component, moisture curing sealant with excellent adhesion to most construction materials.

Ruscoe Professional Strength Urethane Construction Sealants DO NOT require primers on properly prepared and clean surfaces. They can be applied in a variety of temperature conditions, including down to 40 degrees F.

Successful professionals who depend on a strong referral base for new business have learned not to use "bargain" materials that frequently fail and result in time consuming call backs.

Thanks to our three unique consistencies, Ruscoe Professional Strength Urethane Construction Sealants can be used in a blizzard

of applications including, but not limited to, filling seams in gutters and down spouts, on roof and chimney flashing, windows and storm doors, in a wide variety of heating and air conditioning circumstances, as well as roof ducting, concrete joints and high traffic floor situations.

Ruscoe Professional Strength Urethane Construction Sealants are formulated for situations requiring a self leveling compound (PUR-1 Self Leveling), all general purpose applications (PUR-2 General Purpose) and circumstances demanding high strength (PUR-3 High Strength).

Each exhibits exceptional adhesion to porous and non-porous commonly used construction materials. They are waterproof, heat resistant, and exhibit outstanding aging qualities.



Professional Strength
Urethane Construction Sealants

Proven Professionally — Everyday

Ruscoe Professional Strength Urethane Construction Sealants

PUR-1 Self Leveling

This is a one component, moisture curing, pourable, self leveling urethane sealant highly recommended for heavy traffic floor joints. Its non-gassing property makes it ideal for high temperature and humid conditions. It conforms with the requirements of ASTM C920, Type S, Grade P, Class 25, Use T. G. A. and M. and to Federal Specifications TT-S-00230C. Sealing Compound, elastomeric type, single component, Type II, Class A and Canadian Standard CAN/CGSB-19, 13 M87, Class B, Gray, 1-25, MCG-N.

USES: Ruscoe PUR-1 SELF LEVELING is a one-part moisture-curing urethane sealant that turns into a flexible and resistant elastomeric seam and has a very good adhesion to most construction materials (concrete, steel, anodized aluminum, glass, and wood).

It keeps superior, long term elasticity, tear resistance and has a good UV resistance.

It is not recommended for contact with bitumen, asphalt, acids, strong alkalis and solvents.

It has been specially formulated for industrial and heavy duty public traffic floor joints.

TECHNICAL DATA:

Color	grey/white
Consistency	fluid paste
Specific gravity at 68°F	9.76 lbs/gal.
Paint compatibility	water-based = compatible solvent based: check compatibility
Skin formation time (73°F 50% R.H.)	< 4 hours
Curing speed (73°F 50% R.H.)	> 1/8" per 24 hours
Shore A hardness ISO 868 (3 sec.)	> 40 after 14 days
Modulus at 100% elongation (ISO8339)	93 psi
Elongation at break (ISO8339)	> 100%
Application temperature	+40 - +95°F
Temperature resistance	-22 to +200°F
Substrate staining	none
Resistance to weathering	excellent
Resistance to UV	good
Resistance to diluted acids and bases	medium
Resistance to salt water	excellent
Joint movement capability, %	± 25%

INSTRUCTIONS FOR USE: It should be gunned or poured into the seam fitted with a backer rod. The substrates must be clean, dry, free of dust and grease. Do not apply the sealant at temperatures <40°F. Do not apply on wet substrates. After extrusion, each seam should be tooled to ensure contact with both edges then smoothed with a damp knife.

STORAGE – SHELF LIFE: 12 months in closed original packaging stored between +40 and +75°F.

PACKAGING: 10.6 fl. oz. cartridges

VOC: 6.4 grams/Liter

PUR-2 General Purpose

This is a one-component moisture-curing urethane-based sealant. It conforms with the requirements of ASTM C920, Type S, Grade NS, Use NT, Class 25 and Federal Specifications TT-S-00230C Type II, Class A, Canadian standard CAN/CGSB 19, 13-M87, Class A 2-25, MCG, N. It is NSF approved for incidental food contact (R2).

USES: PUR-2 General Purpose is a one-component moisture-curing urethane-based sealant that turns into a flexible, durable and resistant seam. It has an excellent adhesion to most construction materials.

It is recommended for vertical expansion joints between concrete panels, seams on wood, aluminum and PVC joints. It is also recommended for bonding concrete and clay roof tiles.

TECHNICAL DATA:

Color	white
Consistency	thixotropic
Specific gravity at 68°F	9.76 lbs/Gal.
Tooling time (at 68°F and 50% R.H.)	30 min.
Paint compatibility	water-based: compatible solvent based: check compatibility
Tack free time ASTM C679	2 hours
Cure rate (68°F 50% R.H.)	1/8" per 24 hours
Shore A hardness ASTM C661	25
Sagging (ISO7390)	none
Modulus at 100% elongation ASTM D412	53 psi
Elongation at break ASTM D412	> 800%
Adhesion in peel ASTM C794	
Aluminum	25 lbf 0% adhesion loss
Glass	25 lbf 0% adhesion loss
Mortar	27 lbf 0% adhesion loss
Application temperature	+40 to +95°F
Service temperature resistance	-22 to +200°F
Substrate staining	none
Resistance to weathering	excellent
Resistance to UV	good
Resistance to diluted acids and bases	medium
Resistance to salt water	excellent
Joint movement capability, %	± 25%

INSTRUCTIONS FOR USE: It should be applied with a manual or pneumatic caulking gun. Substrates must be clean, dry, free of dust and grease. Do not apply at temperatures below 40°F. Do not apply on wet substrates. After extrusion, each seam should be tooled to ensure contact with both sides of the joint. Application tools can be cleaned with solvent (toluene or xylene) before curing. After cure, mechanical cleaning will be required.

STORAGE – SHELF LIFE: 12 months in closed original packaging stored between +40 and +75°F. Note: 50 Gal. drums: 3 months.

PACKAGING: 10.6 fl. oz. cartridges

VOC: 5 grams/Liter

PUR-3 High Strength

PUR-3 High Strength is a fast-curing one-component moisture-curing urethane adhesive sealant. It meets and exceeds ASTM C920 Type S, Grade NS, as well as Federal Specifications TT-S-00230C Type II Class A NSF approved.

USES: PUR-3 High Strength is a non-sag, multi-purpose, one-part moisture-curing urethane adhesive sealant that cures to a flexible, durable and resistant seam and has a very good adhesion to most construction materials.

PUR-3 HS has been formulated with a short skin formation time and a high curing speed. It is recommended for bonding most construction materials. It can also be used for waterproofing seams. It has a high elasticity, plus excellent tear, vibration and weathering resistance. Easy to apply, it adheres without primer to most common substrates, including glass, aluminum, lacquered metal, wood, FRP, and concrete.

TECHNICAL DATA:

Color	white
Consistency	thixotropic
Specific gravity at 68°F	9.85 lbs/Gal.
Sag ASTM D2202	none
Cleaner	xylene or toluene
Tack free time ASTM C679	40 min
Cure rate (68°F 50% R.H.)	>1/8" per 24 hours
Shore A hardness ISO 868 (3 sec.)	about 50
Temperature resistance	-40 to +200°F
Modulus at 100% elongation ASTM D412	100 psi
Modulus at break ASTM D412	356 psi
Tensile strength ASTM D2370	199 psi
Lap shear strength (glass/metal after 7 days 72°F/50% R.H.)	29 psi
Peel strength on glass & aluminum ASTM C794	30-32 lb/in 0% adhesive loss
Elongation at break ASTM D412	700%
Application temperature	+40 to +170°F
Resistance to UV	good
Resistance to usual solvents and hydrocarbons	medium
Resistance to diluted acids and bases	medium
Resistance to water and salt water	excellent
Joint movement capability, %	± 12 1/2%

INSTRUCTIONS FOR USE: It should be applied with a manual or pneumatic caulking gun. Substrates must be clean, dry, free of dust and grease. Do not apply at temperatures <40°F and >95°F. Grease, paint or loose materials should be removed. After application the sealant should be smoothed with a damp knife. Application tools can be cleaned with a solvent (toluene or xylene) before curing. After cure, mechanical cleaning will be required.

STORAGE – SHELF LIFE: 12 months in closed original packaging stored between +40 and +75°F.

PACKAGING: 10.6 fl. oz. cartridges

VOC: 7 grams/Liter

Handling: Ruscoe Professional Strength Urethane Construction Sealants contain ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

NOTICE: The Ruscoe Company makes no warranty or representation as to the suitability of the products as specified herein for any particular applications. The determination of the suitability of the above specification for any particular use is solely the responsibility of the user.

All precautionary labels and notices should be read and understood by all supervisory personnel and employees before using. Purchaser is responsible for complying with all applicable federal, state or local laws and regulations covering use of the product. Special attention should be given to consumer applications. Freedom to use any patent owned by Ruscoe or others is not to be inferred from any statement contained herein.

All statements, technical information and recommendations contained herein are based on tests believed to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties expressed or implied.

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith.



**THE RUSCOE
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Sealants & Coatings

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