



TECHNICAL DATA SHEET

RAPID-SET POLYURETHANE™ ADHESIVE



NOTICE

Make sure you have an up-to-date technical data sheet by referencing our website: SRWProducts.com

DESCRIPTION

Rapid-Set Polyurethane™ Adhesive is a high-strength, high-solids, low-VOC polyurethane adhesive that is stronger than conventional adhesives. It produces a permanent bond to almost any substrate even non-porous substrates. It can be used in a wide range of climates and conditions.

APPLICATIONS

- Retaining walls
- Pavers
- Brick
- Concrete
- Natural Stone
- Firepits (up to 400°F (204°C))
- Pool Copings
- Foam
- Vinyl
- PVC
- Metals
- Wood
- Non-porous Substrates
- Most hard surface building materials
- Residential or Commercial

PROPERTIES

- Fast set-up time
- For use on dry or damp surfaces
- High temperature compatible up to 400°F
- Will not freeze or be damaged by low temperatures
- Interior and exterior applications
- Premium, long-lasting strength on nearly any material
- VOC compliant
- Specially formulated for use on construction, landscape, and hardscape projects
- High solids, non-shrinking formulation provides desired coverage without cracking or losing bond over time
- Long open time offers flexibility in repositioning; user friendly
- 15 minute working time

CURING TIME

Cure time varies with temperature, humidity, and the porosity of the materials joined.

- 60 - 90 minute firm set
- 24 - 48 hour full cure

COVERAGE

- Coverage: 1/4": Bead: 10 oz. 32 ft, 28 oz. 89 ft
- Coverage: 3/8": Bead: 10 oz. 14 ft, 28 oz. 35 ft

SRW Products
800-752-9326

32005 126th St.
PO Box 70
Princeton, MN 55371

SRWProducts.com

Revised: 12-5-23

Rapid-Set Polyurethane™ Adhesive Technical Data Sheet

Page 1 of 4

USER TIPS

- When using on non-porous materials like foam, metal, etc. apply a light mist of water during application to speed curing.
- **APPLICATION TEMPS:** For ease of extraction, working temperature should be between 45 - 90°F. Above 90°F (32°C), use additional supports for 24 hours. Below 60°F (15°C), product may be difficult to extrude.
- **WORKING TIME:** 15 minutes, full cure in 24 hours.
- **PRIMING:** Rapid-Set bonds well to most substrates; however, it is the user's responsibility to check the adhesion of the cured adhesive on specific substrates.
- Wearing gloves during application is highly recommended. Once material has cured it cannot be removed.
- Not for continuous submersion or use below the waterline.
- Not intended for direct contact with flames or fire brick.

INSTALLATION INSTRUCTIONS FOR

PREPARE SURFACE

- Surfaces must be structurally sound, dry, clean, and free of dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofing or curing and parting compounds, and membrane materials.

ON METAL SURFACES:

- Remove scale, rust or other coatings to expose a bright white surface.

ON CONCRETE OR STONE, OR OTHER MASONRY SURFACES:

- Expose a sound surface free of contamination and laitance.

ON WOOD SURFACES:

- The surface must be clean and sound. Scrape away paint to bare wood.

ATTACH TO CARTRIDGE GUN

- Cut tip on slant for 1/4" to 3/8" bead. Puncture inner seal with nail or wire and place in cartridge gun.

APPLY ADHESIVE

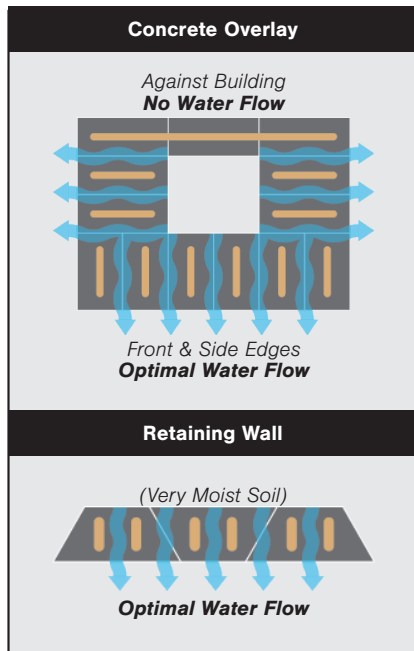
- Using caulking gun, apply the adhesive to one of the surfaces in a continuous bead.

PRESS AND TWIST

- Press surfaces together firmly with a slight twisting motion.

CLEANUP

- Clean all tools and equipment immediately after use with a dry cloth; Xylene, mineral spirits or acetone may also be used. Cured material must be mechanically removed.
- Dispose of contents/container to hazardous or special wast collection point.



**For illustrative purposes only*

APPLICATION PATTERN

Consult the application patterns diagram to the left to see suggested application patterns for different types of projects. Choose the best methods for your particular project to allow for optimal moisture drainage.

WARNINGS

WARNING: MAY BE HARMFUL IF INHALED. POSSIBLE IRRITANT. Potential skin and respiratory sensitizer. Contains isocyanate containing polymers & dibutyltin dilaurate. Prolonged or repeated contact may cause reproductive system effects. Avoid prolonged or repeated contact with skin or vapors. Use only with adequate ventilation.

FIRST AID: If skin contact occurs, wash affected area with soap & water. If irritation persists or allergic reactions develop, contact physician. If adverse respiratory affects occur, remove individual to fresh air & contact physician. For additional information, refer to Safety Data Sheet.

KEEP OUT OF THE REACH OF CHILDREN.WARNING:

This product contains chemicals known to the State of California to cause cancer.

CHEMTREC: 1-800-424-9300

IMPORTANT NOTICE: Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied is made for the merchantability, fitness or suitability for the use of this product or otherwise extending beyond the description hereof except the obligation to replace that product for portion of shipment proved defective. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use. Liability is limited to product replacement only. For professional use only. Test in a small, discrete area before use.

PROPERTIES

Properties	Viscosity, CPS	Up to 1,000,000
	Flash point, °F (°C)	250 (121)
	Freeze/Thaw Stability	Does not Freeze
	Shrinkage	None
Substrate PSI (MPA)	Plywood to treated lumber	7 days; 1,000 (6089)

SRW Products
800-752-9326

32005 126th St.
PO Box 70
Princeton, MN 55371

SRWProducts.com

Revised: 12-5-23

Rapid-Set Polyurethane™ Adhesive Technical Data Sheet

Page 3 of 4

STORAGE

Store in a cool, dry place in upright position out of direct sunlight and where it will not freeze or be damaged by low temperatures

SHELF LIFE: 12 months.

TRANSPORT

For more information on the proper handling and transportation of this product, please refer to the latest version of the Safety Data Sheet (SDS). Visit SRWProducts.com for an up-to-date version of this product's Safety Data Sheet (SDS).

PACKAGING

RAPID-SET POLYURETHANE™ ADHESIVE			
PART#	SIZE	AMT PER CTN	QUANTITY
APU 10	10 OZ	12/CTN	64 CTN/PLT
APU 28	28 OZ	12/CTN	44 CTN/Plt

SRW Products

800-752-9326

32005 126th St.

PO Box 70

Princeton, MN 55371

SRWProducts.com

Revised: 12-5-23

Rapid-Set Polyurethane™ Adhesive Technical Data Sheet

Page 4 of 4