



TECHNICAL DATA SHEET

ACRtec PolySeal Sealant S+ is a single-component, solvent free, moisture-curing high-build liquid silicone rubber sealant that is designed for use on concrete surfaces to work in conjunction with the TechCrete® 2500 Waterproofing System. ACRtec PolySeal Sealant S+ provides long-term protection against weathering, aging, oxidation, wind-driven sand, rain and snow, the effects of ozone, ultraviolet radiation and the temperature extremes typically found on concrete structures. Available in light gray.

PHYSICAL PROPERTIES

Appearance	Light Gray
Solids Content, Percentage by weight ASTM D-2697-3	92 (+/-3)
Tack-Free Time ASTM C-679	1-2 hours
Cure Time	16-18 hours
Volatile Organic Compounds	<50 grams/liter
Tensile Strength, psi ASTM D-412	235
Elongation, percent, ASTM D-412	379
Tack-free time	1-2 hours
Thorough cure (1/8" depth)	16-18 hours

APPLICATION

Surfaces to be sealed with ACRtec PolySeal Sealant S+ must be properly prepared. All surfaces must be clean, dry and free of loose particles. The sealant is available in sausage packs or bulk packs. Sausage packs require the use of a manual sausage caulking gun.

When applying ACRtec PolySeal Sealant S+ make sure to apply a liberal bead of material so that a caulking knife can be used to screed the product, sealing the edges of the sealant to the substrate.

Do not apply ACRtec PolySeal Sealant S+ in temperatures above 120° F. In cold weather applications, store material above 65°F before use.

NOTE: Any Alchemco system products should only be applied when the surface temperature is 50°F (10°C) and rising or 100°F (38°C) and falling. Temperature should be measured with a infrared hand held thermometer.

CLEAN UP

Uncured ACRtec PolySeal Sealant S+ can be cleaned off of surfaces by using VM&P Naptha or Mineral Spirits.

APPLICATION RATES & PACKAGING

Coverage rate: 16 -18 lft / 20 oz sausage pack
5 - 6 LM / 591 ml sausage pack

Packaging: 20 oz (591 ml) sausage Pack
12 per box

NOTE: The coverage rate is based upon an average application. In many cases the coverage may be slightly lower due to the size of the crack.

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SYSTEM COMPATIBILITY

This product may be required to be used in the following TechCrete 2500 Waterproofing Systems where a Material & Labor Warranty is to be issued:

- Concrete
- CMU Masonry
- Brick Masonry
- Concrete Planters
- Water Features
- Vegetative Roofs

SHELF LIFE & STORAGE

Containers should be sealed, kept in a cool & dry location, and should avoid prolonged exposure to direct sunlight. These methods should be practiced when shipped, stored, and on-site. If properly maintained, this product has a shelf life of two (2) years. Please adhere to the same storage advisories when product is being stored on the project site.



WARNINGS



DANGER! TOXIC IF SWALLOWED

Exposure to the product may cause skin, respiratory tract and eye irritation. May cause allergic skin reaction.

The environmental effects of this product have not been investigated; however it is not expected to cause significant adverse effects in the environment.

Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

See Safety Data Sheet for further details regarding safe use of this product. Safety Data Sheets for any Alchemco product may be obtained by contacting: **Alchemco, 3532 Mayland Court, Henrico, VA 23233. 800- 610-2895 or emailing technical@alchemco.com or calling:**

**CHEMTREC 800-424-9300 (US)
703-741-5970 (International).**



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