

STA'-PUT

STA-PUT® QUICK GRIP LIQUID LOW VOC ADHESIVE Guide Specification

SECTION 072700
ADHESIVE

STA-PUT® SP80 CANISTER Guide Specification

SECTION 061122

CANISTER CONTACT ADHESIVE

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes adhesives.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Certificates:
 - 1. GREENGUARD Children & Schools.
 - 2. GREENGUARD Indoor Air Quality.

1.3 REGULATORY REQUIREMENTS

- A. SCAQMD (South Coast Air Quality Management District), Rule 1168.
- B. California Air District Regulations.
- C. Ozone Transport Commission (OTC) model Rule for Adhesives and Sealants.

1.4 STORAGE

- A. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Adhesive:
 - 1. Quick Grip Liquid Low VOC Adhesive manufactured by ITW Polymers Sealants NA (Basis of Design).
 - a. 111 S. Nursery Rd., Irving TX 75060.
 - 2. Or equal.

2.2 ADHESIVE

- A. Description: Industrial-grade brush, roller, or spray applied adhesive. Formulated to promote adhesion for air barrier membranes to a variety of substrates. It contains no chlorinated solvents and offers an excellent alternative to methylene chloride-based products. Provides a fast and economical solution to most building envelope component requirements.
- B. Advantages:
1. Quick dry time.
 2. Aggressive grab tack.
 3. Very long working time.
 4. Excellent adhesion to a wide variety of substrates.
 5. Brush, roller, or spray applied.
- C. Physical Properties:
1. Base: Synthetic polymer.
 2. Application: Brush, roller or spray.
 3. Solvent: Aromatic hydrocarbon.
 4. VOC Content: 235.50 grams/liter.
 5. Flash Point: <math><0^{\circ}\text{F}</math> (<math><-18^{\circ}\text{C}</math>).
 6. Shelf Life: 1 year, unopened.
 7. Weight/Gallon: 7.68 lbs.
 8. Open Time: Up to 6 hours.
 9. Dry Time: 10 to 15 minutes.
 10. Color: Clear.
- D. Approved Equipment:
1. SG200 Pro Gun.
 2. ST9502 Spray Tip.
 3. Hoses: MH973 (12'), MH978 (25').
- E. Certification:
1. GREENGUARD Children & Schools Certified.
 2. GREENGUARD Indoor Air Quality Certified.
- F. Contributes to LEED and other green building rating system credits:
1. LEED-NC and LEED-CI EQ Credits 3.2 and 4.1, and ID Credit 1.1-1.4
 2. LEED for Schools EQ Credits 3.2 and 4, and ID Credit 1.1-1.4
 3. LEED for Homes MR Credit 2.2 Environmentally Preferable Materials
 4. LEED Core & Shell EQ Credit 4.1 and ID Credit 1.1-1.4
 5. LEED-EB MR Credit 3
 6. CHPS® (Collaborative for High Performance Schools) EQ Credit 2.2
 7. Green Guide for Health Care EQ Credit 4.1
 8. NAHB Model Green Home Bldg. Guidelines – Sect 7, Global Impact 7.1.3.
 9. Hoses: MH973 (12'), MH978 (25').

PART 3 - EXECUTION

3.1 APPLICATION, GENERAL

- A. Comply with adhesive manufacturer's written instructions for installation.

3.2 ADHESIVE APPLICATION

- A. Use only after careful consideration of the warnings, directions, and first aid instructions given.
- B. Surface Preparation: Surfaces to be bonded should be clean, dry and free of any dust, loose paint, wax, moisture, dirt, grease, oil, rust, or other contaminants.
- C. Adhesive Preparation: Adhesive should be at 40°F to 100°F.
- D. Adhesive Application: Apply a uniform coat of adhesive to one surface, allowing to coat evenly across the substrate. Do not allow to “puddle”. Use a heavy nap solvent-resistant roller. Be sure to have sufficient coverage of the surfaces for the application. Do not breathe dust, vapors or mist. Vapors may ignite explosively. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone.
- E. Drying: The adhesive must be allowed to dry before bonding. This will usually take from up to 30 minutes at 60°F, under normal conditions. Heat and humidity, or cold weather can cause longer drying times. Daily pretesting is recommended prior to use. Surfaces are dry if is tacky, but no adhesive transfers to the hand when touched. Complete the bond within 6 hours (under normal conditions) after the adhesive is dry. If the two surfaces don't grab immediately when brought into contact, they have dried too long.
- F. Assembly: Position coated surfaces carefully before putting them together since no shifting is possible once contact is made. Bring surfaces together and immediately apply firm pressure over entire surface working from the center to the edges. Apply uniform pressure over 100% of the area to be bonded.
- G. Do not use on some membranes and components. When in doubt, conduct compatibility testing on the product to be bonded before use.

END OF SECTION 072700