STA'-PUT

STA-PUT® SP80
Guide Specification

SECTION 061122
CANISTER CONTACT ADHESIVE

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CANISTER CONTACT ADHESIVE

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes canister contact adhesive.

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 REGULARY 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.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Canister Contact Adhesive:
1. STA'-PUT SP80 Low VOC Canister Contact Adhesive manufactured by ITW Polymers Sealants NA (Basis of Design).
   a. 111 S. Nursery Rd., Irving TX 75060.
2. Or equal.

2.2 CANISTER CONTACT ADHESIVE

A. Description:
1. High performance, canister contact adhesive that can be used on a variety of substrates.

2. High-solids, and provides a high yield with a smooth spray pattern that reduces telegraphing on thin laminates.
3. Water-resistant, non-staining bond for common HPL applications.

B. Advantages:
1. Quick dry time.
2. High strength bonds.
3. Aggressive grab tack.
4. Smooth, flat spray pattern.
5. High green strength.
6. Long open time.
7. Excellent adhesion too many substrates.
8. OTC states compliant.

C. Physical Properties:
1. Base: Synthetic Polymer.
2. Solvent: Methyl Acetate.
3. Solids: 28.5 +/- 1.0%.
4. Weight/Gallon: 7.96 lbs/gallon.
5. VOC Content: 2.30 g/L (EPA Method 24).
6. Shelf Life: 12 months, unopened.
7. Open Time: 30 minutes.
8. Viscosity: 20-60 cps.
9. Flashpoint: 8.6°F (-13.0°C).
10. Dry Time: 2- 5 minutes.
11. Colors: Clear /Red.
12. Coverage: 400 ft2/gallon @2.5 dry grams/ft2 (each side).
13. Formaldehyde: No urea formaldehyde added during adhesive manufacturing.

D. Certification:
1. GREENGUARD Children & Schools Certified.
2. GREENGUARD Indoor Air Quality Certified.

E. Contributes to LEED and other green building rating system credits:
1. LEED-NC and LEED-CI EQ Credit 4.1.
2. LEED for Schools EQ 4.
3. LEED Core & Shell EQ Credit 4.1.
4. LEED-EB MR Credit 3.
5. LEED-CI EQ Credit 4.4.
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.

2.3 APPROVED SPRAY EQUIPMENT

A. Distributed by: ITW Polymers Sealants NA
1. Spray Gun: SG200.
2. Spray Tip: ST6502.
3. 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. 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. Before initial use securely attach gun to hose, then hose to canister. Fully open canister valve; do NOT close valve until empty.

D. Adhesive should be at 60ºF to 80ºF. For best results, adhesive and materials to be bonded should be 60ºF (15.6°C) to 80ºF (26.7°C) during application.

E. Allow substrates to acclimate to room temperature for 48 hours before bonding. Spraying from 8 to 12 inches away, apply adhesive uniformly to both surfaces and cover each surface a minimum of 80%.

F. Some porous surfaces may require two coats. 100% coverage is recommended for the edges.

G. Use only approved equipment. For typical applications a coating weight of 2.5 dry grams per square foot is recommended.

END OF SECTION 061122