ITW TACC – QUICK GRIP CANISTER Guide Specification

SECTION 072501

BUILDING ENVELOPE ADHESIVES

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes building envelope adhesives.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

1.3 STORAGE

A. Storage: After initial assembly, leave the hose and gun attached to canister with the valve open. Detach gun and hose from canister only when transferring to a new canister. Transfer gun and hose to a new canister immediately to keep product from drying in hose. 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. Building Envelope Adhesives:
   1. Quick Grip Canister manufactured by ITW TACC (Basis of Design).
      a. 195 DeMille Road, Lapper, Michigan 48446 (810) 245-2155.
   2. Or equal.

2.2 BUILDING ENVELOPE ADHESIVES

A. Description: Industrial-grade aerosolized adhesive in a portable spray system. Formulated to adhere protection courses, drainage composites, insulation, air & vapor barrier membranes, waterproofing membranes, and thru-wall flashings to a variety of substrates. 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 adhesive requirements.

B. Features:
   1. Quick dry time.
   2. Aggressive grab tack.
   3. Very long working time.
   4. Can be used as a primer or an adhesive.
   5. Excellent adhesion to a wide variety of substrates.
   6. No clean-up or maintenance.

C. Physical Properties:
   1. Base: Synthetic polymer.
   2. Spray Pattern: Variable web spray.
   3. Solvent: Aromatic hydrocarbon.
   4. VOC Content: 466.1 grams/liter.
   5. Flash Pont: <0ºF (<-18ºC).
   6. Shelf Life: 1 year, unopened.
   7. Weight/Gallon: 6.08 lbs.
   8. Open Time: Up to 6 hours.
   9. Dry Time: 1 – 3 minutes.
   10. Color: Clear.

D. Approved Equipment:
   1. SG200 Pro Gun.
   2. ST9502 Spray Tip.
   3. MH972 - 6’ Hose.

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 40ºF to 100ºF. Before initial use, securely attach gun to hose, then hose to canister. Fully open canister valve; do not close until empty.

D. Working Temperature: Adhesive must be above 40ºF to spray properly.

E. Adhesive Application: Spraying from 8 to 12 inches from the substrate, apply a uniform coat of adhesive to one surface, allowing to coat evenly across the substrate. Do not allow adhesive to “puddle”. Use only with approved equipment. Be sure to have sufficient coverage of the surfaces for the application. Do not breathe dust, vapors or spray 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.

F. Drying: The adhesive must be allowed to dry before bonding. This will usually take from 1 to 3 minutes at 60ºF, 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 adhesive 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.

G. 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.

H. 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 072501