

The logo for MIRACLE, featuring the word "MIRACLE" in a bold, blue, sans-serif font with a registered trademark symbol (®) to the right.

**MIRACLE® GUN 'N GO**  
**Guide Specification**

SECTION 061121  
MASTIC-TYPE ADHESIVE

# MIRACLE® — GUN 'N GO Guide Specification

## SECTION 061121

### MASTIC-TYPE ADHESIVE

#### PART 1 - GENERAL

##### 1.1 SUMMARY

- A. This Section includes mastic-type adhesive.

##### 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Certificates:
  - 1. GREENGUARD Children & Schools.
  - 2. GREENGUARD Indoor Air Quality.
  - 3. PFS® (Listed # 15090901) to meet ASTM-C557 specifications.

#### PART 2 - PRODUCTS

##### 2.1 MANUFACTURERS

- A. Mastic-type Adhesive:
  - 1. Gun 'N Go Mastic-type Adhesive manufactured by ITW Polymers Sealants NA (Basis of Design).
    - a. 111 S. Nursery Rd., Irving TX 75060
  - 2. Or equal.

##### 2.2 MASTIC-TYPE ADHESIVE

- A. Description:
  - 1. Multi-purpose, non-flammable, PVA based, mastic-type adhesive especially formulated for fabricating wall systems for the manufactured housing industry.
- B. Advantages:
  - 1. Non Flammable.
  - 2. Easy to apply.
  - 3. Bonds many common construction materials.
- C. Physical Properties:
  - 1. Base: Synthetic Polymer.

2. Solvent: Water.
3. Solids: 79%.
4. Weight/Gallon: 11.17 lbs/gallon.
5. VOC Content: 44.8 g/L (EPA Method 24).
6. Shelf Life: 6 months, unopened.
7. Open Time: 5-10 minutes.
8. Viscosity: 250,000-287,500 cps.
9. Flashpoint: N/A.
10. Color: Tan.
11. Coverage:
  - a. 38 linear feet per 28 oz. tube using 3/8 inch bead.
  - b. 86 linear feet per 28 oz. tube using 1/4 inch bead.
12. Formaldehyde: No urea formaldehyde added during adhesive manufacturing.
13. U.S. Patent Nos. 6,381,918 B1 and 6,381,918 B2
14. Meets ASTM E72

D. Certification:

1. GREENGUARD Children & Schools Certified.
2. GREENGUARD Indoor Air Quality Certified.
3. PFS® Certified (Listed # 15090901) to meet ASTM-C557 specifications.

## PART 3 - EXECUTION

### 3.1 APPLICATION, GENERAL

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

### 3.2 ADHESIVE APPLICATION

- A. Apply adhesive just prior to panel assembly. Place in standard cartridge gun.
- B. Double Cut tip (following an "X" pattern) to create a 3/8" bead, do not "smear" bead.
- C. Puncture seal inside of spout with nail or wire. Place panels within 5 minutes of extruding adhesive (or while adhesion is still wet to touch). Drop panel into position, avoid sliding panel. Staple panel perimeter (including headers) 6" on center.
- D. Tools and excess materials should be cleaned with water while in wet state. Use mineral spirits to clean when dry.
- E. In wiping adhesive smears off work, avoid flooding the area to be cleaned since excess solvent can work into seams, softening the bond line, and causing delamination. Use a cloth that is saturated with solvent but not dripping.
- F. Keep solvent contact at the edges and seams of the lamination to a minimum to avoid the danger of softening the bond line.

G. The sooner the smears are removed the easier it is to remove them.

H. Apply at room temperature. Keep drums tightly closed when not in use.

END OF SECTION 061121