



# Technical Bulletin

2095 Memorial Park Road  
Gainesville, Georgia 30504  
Phone: 866-897-7568 or Fax: 866-897-7569

## DuPont™ Door Window & Siding Sealant with Kevlar® White & Colors

- Durable Air Tight Water Resistant Seal
- Cured Mildew Resistant Bead
- Interior / Exterior Use
- Paintable
- Water Clean Up

Packaging: 10.1 FL. OZ. (299 ml)      5.5 FL. OZ. (162 ml)

|               |              |              |              |              |              |              |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Color:        | White        | Almond       | Gray         | Bone         | Brown        | Tan          |
| UPC Number:   | 843034078009 | 843034078023 | 843034078030 | 843034078047 | 843034078054 | 843034078061 |
| Product Code: | DP-07800     | DP-07802     | DP-07803     | DP-07804     | DP-07805     | DP-07806     |

MSDS No: 040

### Company Information:

Manufacturer: Tower Sealants, 2095, Memorial Park Rd., Gainesville, GA 30504  
Customer Service: 866-897-7568  
Fax Number: 866-897-7569  
Website: [www.towersealants.com](http://www.towersealants.com)

### Product Description:

DuPont™ Door Window & Siding Sealant with Kevlar® is internally plasticized Acrylic Urethane Sealant. It has superior adhesion, durability and 800% elongation. The sealant forms a flexible, durable, water resistant seal offering exceptional protection from environmental conditions. Once cured the bead is mildew resistant. DuPont™ Door Window & Siding Sealant with Kevlar® features soap and water clean up.

### Suggested Uses:

#### Caulks and Seals:

- Windows and Doors
- Siding and Trim
- Hardboard and Flashing
- Stucco and EIFS
- Penetrations
- Crown Molding

#### Substrates include, but not limited to:

Masonry • Brick • Concrete • Wood • Metals including Galvanized and Aluminum • Marble • Glass • Porcelain • Ceramic Tile

**Performance Characteristics:**

- Exceeds Federal Specs TTS-00230C, Type S, Class B
- Exceeds ASTM C-920, Grade NS, Class 25
- Exceeds ASTM C-834, Type OP, Grade -18°C.
- Passes AAMA 808.3 Specification
- Lifetime durability guarantee.
- Provides a flexible durable seal.
- Mildew resistant.
- Paintable

**Surface Preparation:**

- Surface must be dry and free of dirt, dust, oil, mildew, loose paint, old caulk or other contaminants.
- Existing mold or mildew should be removed with a mild bleach cleaning solution and rinsed thoroughly.
- Only apply when sealant surface and air temperature are above 40°F and rising.
- Do not apply on surfaces above 120°F or when rain is expected.

**Application:**

- Cut nozzle at a 45° angle.
- Properly designed joint not to exceed 1/2" in width.
- Use backer rod for joints deeper than 1/2".
- Tool or smooth bead within 15 to 20 minutes, depending on climatic conditions.
- Sealant maybe removed and tools cleaned prior to curing with soap and water.
- Depending on climatic conditions, allow 4 to 6 curing time prior to painting.
- Full clarity should be reached in 7 to 10 days, dependent on temperature and humidity.

**Physical & Chemical Characteristics:**

|  |  |
|--|--|
| <b>Vehicle:</b>                              | Proprietary Urethane / Modified Acrylic (Siliconized)                            |
| <b>VOC Less water &amp; exempt solvents:</b> | < 1.5%   |
| <b>Pigment:</b>                              | Calcium Carbonate  |
| <b>Solids:</b>                               | Approximately 70%  |
| <b>Weight per Gallon:</b>                    | 9.75 ± 0.5   |
| <b>Specific Gravity:</b>                     | Approximately 1.18   |
| <b>Service Temperature:</b>                  | -40°F to 180°F   |
| <b>Temperature Application Range:</b>        | 40°F and rising. Air temp no hotter than 95° and substrate not hotter than 120°F |
| <b>Freeze Thaw Stability:</b>                | Passes 5 Cycles @ 0°F<br>(1 cycle = 16hrs. @ 0°F, 8hrs at 75°F)                  |
| <b>Dynamic Joint Movement:</b>               | Tested to ± 25%  |
| <b>Flash Point:</b>                          | N/A None   |
| <b>Consistency:</b>                          | 10 to 20 G/S @ 75°F (SEMCO at 50psi)   |
| <b>Applications:</b>                         | Interior / Exterior  |
| <b>Life Expectancy:</b>                      | Lifetime Warranted Performance   |
| <b>Shelf Life:</b>                           | 12 months when stored at 50°F to 80°F  |
| <b>Coverage: 10.1 fl oz:</b>                 | 54 linear ft. at a 3/16" bead  |
| <b>Odor:</b>                                 | Mild Sweet Acrylic   |
| <b>Tooling Time:</b>                         | 15 Minutes   |
| <b>Tack Free Time:</b>                       | 60 Minutes   |

**\* Tooling and Tack free time were tested @ 75°F 50%RH. A 1/2" by 1/2" by 1/2" wood joint. Differences in environmental conditions, joint size, and substrate will cause significant differences in these times. For best results, tool immediately after application in order to ensure the best possible adhesion and a smooth finished surface.**

**\*\* Depending on the environmental conditions, full cure of these water based sealants should occur 7-14 days after application.**

**Clean up:**

- **Clean up hands and tools with soap and water.**
- **Clean up excess caulk with a damp cloth.**

**Safety:**

- **See Material Safety Data Sheet for safety information or product label.**
- **To request a Material Safety Data Sheet visit our web site at [www.Caulk.DuPont.com](http://www.Caulk.DuPont.com)**