



# TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

## DAP® TOUCH 'N SEAL® STORM BOND® FOAM ADHESIVE – Light Tan

### PRODUCT DESCRIPTION

DAP® Touch 'n Seal® Storm Bond® Foam Adhesive roof tile adhesive is a high-performance, one-component, polyurethane adhesive used for attaching clay and concrete roof tile to approved substrates. Storm Bond complies with the High Velocity Hurricane Zone of the Florida Building Code. Storm Bond adheres flat, low, medium, and high-profile clay and concrete roof tile to approved underlayment. Storm Bond provides strong resistance to high velocity wind uplift when installed according to manufacturer's instructions.



Exceeds test requirements for Static Uplift Resistance of Mortar or Adhesive Set Tile Systems, Testing Application Standard (TAS) No. 101-95 Straw foam can (24 oz) is only available in the state of Florida

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PACKAGING	Case	COLOR	UPC
24 oz (680g) Can	12	Gray	7565029470
23 lb Cylinder	1	Gray	7565017170

### KEY FEATURES & BENEFITS

- Miami-Dade County Florida Product Control Approved Notice of Acceptance 17-0306.06
- Florida Certificate of Product Approval #FL14506-R3, FL22609-R1



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- Exceeds test requirements for Static Uplift Resistance of Mortar or Adhesive Set Tile Systems, Testing Application Standard, (TAS) No. 101-95.
- Will not decompose when exposed to water
- Fully cured in 24 hours @ 72°F
- Reduces labor time
- Fast cure

## SUGGESTED USES

### BASIC USE:

- Clay and concrete roof tiles to approved substrates
- Flat, low, medium and high-profile clay and concrete tile
- Repairs, re-roof and new installations on eave, field, hip, rake and valley installations

## FOR BEST RESULTS

- Apply in temperatures between 60°F- 90°F
- Chemical contents must be between 70°F- 90°F
- Use all chemical contents within 30 days of initial dispensing
- Surface must be clean, dry, and free of all foreign material for adhesion
- Dispense straw foam can in the UPSIDE-DOWN position
- Apply in spaces with 40% relative humidity or greater
- If used outdoors, paint to avoid foam discoloration
- Use around, not inside, junction boxes

## APPLICATION

**DIRECTIONS:** Important – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths. Product is flammable during dispensing – turn off sources of ignition prior to use. Always refer to local building codes prior to application. **CYLINDER MAY BURST IF LEFT IN HOT VEHICLE, EXPOSED TO DIRECT SUNLIGHT OR TEMPERATURES ABOVE 122°F (50°C).**

**Preparation:** To promote adhesion, surface must be clean, dry, and free of all foreign material. Assemble straw and adapter, then carefully screw the trigger assembly onto valve. With trigger assembly attached, shake well for 30 seconds. Holding the can upside-down, slowly activate trigger until foam begins to dispense. Important: Before starting the job, first practice dispensing onto scrap materials.



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**Application (CAN):** Refer to 'Touch 'n Seal Storm Bond Roof Tile Adhesive Application Instructions' available from your local Storm Bond distributor, by calling 888-DAP-TIPS, or visiting [www.touch-n-seal.com](http://www.touch-n-seal.com). Remove aerosol can cap. Attach straw to trigger adaptor. Screw adaptor onto can valve. Shake aerosol can vigorously for 30 seconds. Invert can and activate trigger to test adhesive flow rate on scrap material first. Holding can upside down, depress applicator trigger and apply Storm Bond adhesive according to the patterns and bead weights show in the Touch 'n Seal Storm Bond Roof Tile Adhesive Application Instructions. All tiles must be set in adhesive within 4 minutes of adhesive application.

**Application:** Refer to 'Touch 'n Seal Storm Bond Roof Tile Adhesive Application Instructions' available from your local Storm Bond distributor, by calling 888-DAP-TIPS, or visiting [www.touch-n-seal.com](http://www.touch-n-seal.com). Remove cylinder from carton and shake about 10 times; stand upright. With applicator in closed position, attach hose to applicator and cylinder valve. Tighten fittings with open-end wrench; do not over-tighten. Use applicator to regulate flow rate. Dispense on scrap material first.

**Clean-up:** If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing. Cured foam must be removed mechanically from surfaces. Uncured foam can be cleaned from most surfaces with Foam Cleaner or acetone. If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off residue and repeat process if necessary. DO NOT use acetone or other solvents to remove product from skin.

**Storage/Re-Use/Disposal: Stop & restart up to 3 weeks later.** To store unused portion, bend straw back onto the knob atop the dispensing trigger. Store can upright below 90° F (33°C). Product can be reused within three weeks if stored properly. To re-use, cut the end of the straw (removing any cured foam), shake well and apply as directed. Dispose of container and unused product in accordance with all current federal, state, and local regulations.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Florida Certificate of Product Approval	FL14506-R3, FL22609-R1
Miami-Dade County Florida Product Control NOA	17-0306.06
Shelf Life	12 Months
ASTM E84 Surface Burning Characteristics (Flame/Smoke)	5/30
ASTM E96 Water Vapor Transmission	2.39 perm-in
ASTM D-1621 Compressive Strength (Parallel / Perpendicular)	49.2 lbs/in <sup>2</sup> (3.46 kg/cm <sup>2</sup> ) 41.68 lbs/in <sup>2</sup> (2.93kg/cm <sup>2</sup> )
ASTMD D-1622 Density	1.8 lbs/ft <sup>3</sup> (30.1kg/m <sup>2</sup> )
ASTM D-1623 Tensile Strength Parallel to Rise	72.18 lbs/in <sup>2</sup> (5.07kg/cm <sup>2</sup> )
ASTM D-2126 Thermal and Humid Aging – Dimensional Stability	.1%
-40°F (-40°C), 14 Days	6.0%
158°F (70°C), 100% RH, 14 Days	
ASTM D-2842 Water Absorption	8.2%



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ASTM D-2856 Open Cell Content	13.1%
TAS 101-95 Static Uplift Resistance	Pass

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS by visiting our website at [dap.com](http://dap.com) or calling 888-DAP-TIPS.

## WARRANTY

**LIMITED WARRANTY:** If the product fails to perform when used as directed, within one year from the date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products Inc. will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

**Usage Information:** Call 888-DAP-TIPS or visit [dap.com](http://dap.com) & click on "Ask the Expert"

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**