



TECH DATA SHEET

1. PRODUCT NAME

Touch 'n Seal® Storm Bond® 2 Roof Tile Adhesive

2. MANUFACTURER

DAP Foam Inc.
307 Integram, Pacific, MO 63069 USA
(636) 349-5855
(800) 325-6180
FAX: (636) 349-5335
E-mail: support@touch-n-seal.com
Website: www.touch-n-seal.com

3. PRODUCT DESCRIPTION

Touch 'n Seal Storm Bond 2 Roof Tile Adhesive is a two-component, polyurethane adhesive designed for installing clay and concrete roof tile to approved substrates. Storm Bond 2 complies with the High Velocity Hurricane Zone of the Florida Building Code and is accepted for use in Miami-Dade County.

Basic Use

Storm Bond 2 adheres flat, low, medium and high profile and barrel clay and concrete roof tile to approved underlayment. Use Storm Bond 2 for repairs, re-roof and new installations on a roof's eave, field, hip, rake and valley.

Roof tiles installed with Storm Bond 2 offer superior bonding strength compared to traditional methods of tile installation such as mortar, nails, screws, clips, wire and ties. Storm Bond 2 provides strong resistance to high velocity wind uplift when installed according to manufacturer's instructions.

Use Touch 'n Seal Poly-Clean foam cleaner to clean uncured Storm Bond 2 from tools, gloves and other surfaces.

Composition & Materials

Storm Bond 2 is off-white. Under normal conditions, roof tiles adhered with Storm Bond 2 may be walked on within several minutes with full cure occurring in less than 24 hours of application. Storm Bond 2 is a safe and durable tile adhesive.

Sizes:

Product	Item #
SB200 complete kit	4505171200
SB600 complete kit	4505171600
RF-17 17 gal refill "A"	4505170300
RF-17 17 gal refill "B"	4505170400
RF-60 60 gal refill "A"	4505170500
RF-60 60 gal refill "B"	4505170600

Features/Benefits

- Miami-Dade County Notice of Acceptance (NOA 16-0811.06)
- Florida Building Code - Product Approval # FL21374
- Exceeds adhesion requirements per TAS 101-95 Static Uplift Resistance Testing Standard
- Safe, durable, high performance roof tile adhesive. Suitable for clay and concrete roof tiles with flat, low, medium and high profiles.
- Fully cured in less than one day.
- Easy installation, reduces labor time

Limitations

- Installers must be manufacturer trained and certified.
- Always refer to manufacturer's instructions prior to use.
- Do not expose to direct sunlight.
- Do not allow foam adhesive to become tack-free prior to setting roof tile.
- High temperatures of substrate, ambient, tiles or chemicals will reduce open and cure times.
- Low temperatures of substrate, ambient, tile and chemical temperatures will increase open and cure times.
- Do not store chemicals in temperature above 120°F/49°C.

4. TECHNICAL DATA

Applicable Standards

- ASTM E-96 Water Vapor Transmission
- ASTM D-1621 Compressive Strength
- ASTM D-1622 Density
- ASTM D-1623 Tensile Strength
- ASTM D-2126 Thermal and Humid Aging – Dimensional Stability
- ASTM D-2842 Water Absorption
- ASTM D-6226 Open Cell Content
- TAS 101-95 Static Uplift Resistance

Approvals/Certifications

- Miami-Dade County Florida Product Control Approved. Notice of Acceptance No. 16-0811.06
- Florida Certificate of Product Approval # FL21374

Physical/Chemical Properties

See table. Test data available upon request.

Shelf Life

12 months in unopened container when stored between 60°–90°F (16°–32°C)

Storage and Disposal

- Store containers tightly closed in a well-ventilated area between 60° - 90°F (16° - 32°C). Storage above 90°F (32°C) will reduce shelf life.
- Do not store at temperatures above 120°F (49°C).
- Do not expose containers to conditions that may damage, puncture, or burst the containers.
- Dispose of empty containers and leftover material / in accordance with federal, state and local regulations.
 - See Safety Data Sheet and "Safe Use, Storage and Handling For Low Pressure Spray Foam Products brochure" for more information.

5. INSTALLATION / APPLICATION

Application must be performed by a factory-qualified applicator. Refer to "Storm Bond 2 Application Instructions," available at www.touch-n-seal.com or from Customer Service at 800-325-6180.

Always refer to local building codes prior to application of Touch 'n Seal Storm Bond 2. Apply Storm Bond 2 to approved underlayment and roof tiles according to manufacturer's directions.

Surfaces to receive Touch 'n Seal Storm Bond 2 must be dry, clean and free of dust, dirt, grease and other substances that may inhibit proper adhesion. For best results apply Storm Bond 2 when surface and ambient temperatures are between 60°–90°F (16°–32°C). Chemical contents must be between 70°–90°F (21°–32°C) before dispensing. Use all chemical contents within 30 days of initial dispensing.

SAFETY INFORMATION

Keep out of reach of children.

Always wear proper personal protective equipment, including gloves, clothing, eyewear and respirator. Use in well-ventilated area.

Refer to manufacturer's Safe Use, Storage and Handling for Low Pressure Spray Foam Products brochure prior to handling Touch 'n Seal materials. You may request a copy of this document



TECH DATA SHEET

from Customer Service at 800-325-6180 or by downloading from www.touch-n-seal.com.

6. AVAILABILITY & COST

Availability

Touch 'n Seal Storm Bond 2 Roof Tile Adhesive is available throughout the U.S., Canada, Mexico and the world. Contact Convenience Products Customer Service at 800-325-6180 or FAX 636-349-1708 for distributor information.

Cost

Contact Convenience Products for local distributors who can provide cost and delivery information.

7. WARRANTY

Convenience Products warrants its Storm Bond 2 Roof Tile Adhesive to be free of defects in workmanship and function. Convenience Products is not liable for any incidental, consequential or any other damages or remedies. There are no warranties that extend beyond the description herein, however, certain states have specific laws regarding limitation on incidental or consequential damages, in which case, you may have other legal rights.

8. MAINTENANCE

Refer to "Storm Bond 2 Quick Setup Guide."

9. TECHNICAL SERVICE

Technical assistance, including detailed information, product literature, test results, assistance with preparing project specifications and application training is available by contacting Convenience Products.

10. FILING SYSTEMS

Additional information is available from the manufacturer upon request.

The information contained herein was accurate at the time of publishing. Please refer to the Touch 'n Seal website, www.touch-n-seal.com, for the latest information.

TYPICAL PROPERTIES OF TOUCH 'N SEAL STORM BOND ROOF TILE ADHESIVE

Florida Certificate of Product Approval Number	FL21374
Miami-Dade County Florida Product Control N.O.A.	16-0811.06
Shelf Life	12 months
ASTM E 96 Water Vapor Transmission	xx perm-in.
ASTM D-1621 Compressive Strength Parallel To Rise Perpendicular To Rise	20.3 lbs/in ² (140 kPa) 13.9 lbs/in ² (96 kPa)
ASTM D-1622 Density	1.85 +/-0.25 lbs/ft ³ (29.6 +/- 4kg/m ³)
ASTM D-1623 Tensile Strength, Parallel To Rise	30.0 lbs/in ² (207 kPa)
ASTM D-2126 Thermal and Humid Aging – Dimensional Stability -40°F (-40°C), 14 days 158°F (70°C), 100% Relative Humidity, 14 days	0.35% 4.7%
ASTM D-2842 Water Absorption	0.75%
ASTM D-6226 Open Cell Content	7.8%
TAS 101-95 Static Uplift Resistance	Pass

