



TECH DATA SHEET

Thermal Protection 07 21 19
Foamed In Place Insulation

1. PRODUCT NAME

Touch 'n Seal® Slow Rise
1.75 pcf (28 kg/m³) Density

2. MANUFACTURER

Convenience Products
866 Horan Dr.
Fenton, MO 63026 USA
Phone: (636) 349-5855
Toll Free: (800) 325-6180
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E-mail: support@touch-n-seal.com
Website: www.touch-n-seal.com

3. PRODUCT DESCRIPTION

Touch 'n Seal Slow Rise is a two-component foam system, available in a variety of low-pressure dispensing units. When used according to manufacturer's directions, Slow Rise produces 1.75 pcf closed cell rigid polyurethane foam. Touch 'n Seal Slow Rise is a ASTM E84 Class A(I) rated foam and meets the US Coast Guard requirements for flotation material (33 CFR §183.144.)

Basic Use

Touch 'n Seal Slow Rise is designed for pour-in-place applications where foam needs to completely fill cavities or spaces without creating voids or excessive pressure. Uses include marine flotation, insulating difficult to reach voids in construction projects, and OEM insulation or cavity filling applications.

Slow Rise foam should not be used for filling gypsum board stud wall cavities, as wall distortion or damage may occur.

Refer to "Touch 'n Seal Slow Rise Foam Systems Special Instructions" for further application information.

Sizes:

Product	Yield*	Item #
Foam Kit 200 Slow Rise	15 ft ³ (200 bd. ft.)	4004520220
Foam Kit 600 Slow Rise	50 ft ³ (600 bd. ft.)	4004520620
CP-750 Slow Rise	60 ft ³ (750 bd. ft.)	4505501750
RF-17 Slow Rise	170 ft ³ (2000 bd. ft.)	4505120000
RF-60 Slow Rise	570 ft ³ (6800 bd. ft.)	4505161000

Features/Benefits

- Increased flow time to completely fill gaps, corners, holes and cavities
- Meets the US Coast Guard requirements for flotation material 33 CFR §183.144
- ASTM E84 Class A(I) fire resistance
- Low foaming pressure
- Closed cell structure
- Easy to transport
- Low maintenance
- Reduces vibration and sound transmission
- Does not shrink or settle
- Increases structural strength

Limitations

- Do not use for filling gypsum board stud wall cavities.
- Foam is combustible. Do not expose to temperatures above 250°F (121°C), open flames or sparks.
- Do not expose uncoated foam to sunlight or UV.
- Chemical contents must be 70° - 90°F (21° - 32°C) prior to spraying.
- Product is not a fire stop.
- Refer to local building code authorities for guidance in construction applications.
- Ignition or thermal barrier coating may be required over exposed foam.

4. TECHNICAL DATA

Applicable Methods & Standards

- ASTM E84 Surface Burning Characteristics
- ASTM C1338 Fungi Resistance
- ASTM D2842 Water Absorption
- ASTM C518 R-Value
- ASTM D1621 Compressive Strength
- ASTM D1622 Density
- ASTM D6226 Closed Cell Content
- 33 CFR §183.144 Flotation Materials

5. SAFE USE AND HANDLING

- Keep out of reach of children
- Always wear proper personal protective equipment, including head covering, gloves, clothing, eyewear and respirator
- Use in well-ventilated area.
- Refer to product Safety Data Sheet (SDS) and the "Safe Use, Storage and Handling for Low Pressure Spray Foam Products" brochure, both available from Customer Service at 800-325-6180 or at www.touch-n-seal.com prior to handling or using Touch 'n Seal products.

Storage & 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.
- Storage below 60°F (16°C) may cause crystals to form in A component.
- 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 leftover material / containers in accordance with federal, state and local regulations.
- See Safety Data Sheet for more information.
- Refer to "Foam Kit Operation Instructions" for storage of partially used disposable Foam Kits.

Shelf Life

15 months in unopened container when stored between 60° - 90°F (16° - 32°C), in a dry, well-ventilated area.



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6. INSTALLATION / APPLICATION

Refer to local building code authorities for guidance in construction applications. Touch 'n Seal spray foam can be applied to and will adhere to almost any traditional building material surfaces including; wood, concrete, polystyrene, gypsum board, fiberboard, masonry and metal. Refer to 33 CFR §183 for use in marine applications

Surfaces to be sprayed must be dry, clean and free of dust, dirt, grease and other substances that may inhibit proper adhesion. For best results apply Touch 'n Seal Slow Rise foam 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.

7. AVAILABILITY

Touch 'n Seal Two Component Spray Foam Kits are 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

8. WARRANTY

Convenience Products warrants this product to be free from defects. The Company shall not be liable for any consequential or other damage or remedy; its sole obligation and your exclusive remedy are limited to product replacement. Warranty is null and void if unit is operated without attaching a new spray foam applicator gun/hose set. Some states do not allow limitations on the exclusive or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. There are no warranties which extend beyond the description on the face hereof.

9. MAINTENANCE

Refer to "Foam Kit Operation Instructions."

10. 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.

TYPICAL PROPERTIES OF TOUCH 'N SEAL SLOW RISE FOAM

Property	Test Method	Typical Values
Shelf Life		15 months; unopened container
Dry time / Tack Free Time		75 seconds
Cutable Time		10 minutes
Fully Cured Time		1 hour
R-Value, aged	ASTM C518	5.2 h·ft ² ·°F/Btu (0.92 K·m ² /W)
Compressive Strength	ASTM D1621	15 psi (1.1 kgf /cm ²)
Density, Free Rise	ASTM D1622	1.75 pcf (28 kg/m ³)
Density, In-place	ASTM D1622	2.0 pcf (32 kg/m ³)
Flame Spread Index @ 2" thickness	ASTM E84	20
Smoke Developed	ASTM E84	350
Closed Cell Content	ASTM D6226	93%
Water Absorption	ASTM D2842	1.5%
Fungi Resistance	ASTM C1338	Pass; does not support growth

**Theoretical yield is used as an industry standard to represent the size of two-component foam kits. The calculation is based upon ideal conditions, does not include blowing agent loss, and may vary according to application method or environmental factors.*

The information contained herein was accurate at the time of publishing. Please refer to the Touch 'N Seal website for the latest information.



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