



TECH DATA SHEET

Thermal Protection 07 21 19
Foamed In Place Insulation

1. PRODUCT NAME

Touch 'n Seal® Slow Rise 120
1.75 pcf (28 kg/m³) Density

2. MANUFACTURER

DAP Foam Inc.
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3. PRODUCT DESCRIPTION

Touch 'n Seal Slow Rise 120 is a two-component foam system, available in a variety of low-pressure dispensing units. When used according to manufacturer's directions, Slow Rise 120 produces 1.75 pcf closed cell rigid polyurethane foam.

Basic Use

Touch 'n Seal Slow Rise 120 is designed for pour-in-place applications where foam needs to completely fill cavities or spaces without creating voids or excessive pressure. Uses include insulating difficult to reach voids in construction projects and OEM insulation or cavity filling applications like transportation vehicles/trailers and marine flotation.

Slow Rise 120 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 Polyurethane Foam Special Application Guide" for further application information.

Sizes:

Product	Yield*	Item #
Foam Kit 200 Slow	16 ft ³ (200 bd. ft.)	4004522120
Foam Kit 600 Slow	50 ft ³ (600 bd. ft.)	4004526120
CP-750 Slow Rise 120	60 ft ³ (750 bd. ft.)	4505507520
RF-17 Slow Rise 120	170 ft ³ (2000 bd. ft.)	4505120120
RF-60 Slow Rise 120	570 ft ³ (6800 bd. ft.)	4505161120
RF-120 Slow Rise 120	1,250 ft ³ (15,200 bd. ft.)	4505114120

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
- Closed cell structure
- Easy to transport
- Low maintenance
- Reduces vibration and sound transmission
- Does not shrink or settle
- Increases structural strength
- Kits come with 5 black injection nozzles; 5 clear conical nozzles

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 D2842 Water Absorption
- ASTM C518 R-Value
- ASTM D1621 Compressive Strength
- ASTM D1622 Density
- ASTM D6226 Closed Cell Content

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 120 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 DAP Customer Service at 800-325-6180 or FAX 636-349-1708 for distributor information

8. WARRANTY

If product fails to perform when used as directed, within one year from the date of purchase, call 1-888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP will not be responsible for incidental or consequential damages.

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 1-888-DAP-TIPS.

TYPICAL PROPERTIES OF TOUCH 'N SEAL SLOW RISE 120 FOAM

Property	Test Method	Typical Values
Shelf Life	-	15 months; unopened container
Gel Time	-	120 seconds
Cutable Time	-	10-20 minutes
Fully Cured Time	-	1 hour
R-Value, aged 90 days @140°F	ASTM C518	5.57 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	1.75 - 2.0 pcf (28 - 32 kg/m ³)
Closed Cell Content	ASTM D6226	93%
Water Absorption	ASTM D2842	4.7%

**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.