

SOUND TESTED

Product has been successfully tested for sound in accordance with ASTM E-90-90 and ASTM E-1408-91



TA-51 Adhesive-Backed Fire-Rated Seal

FIRE LABELED

TA-51 is listed and labeled for use on positive pressure fire-rated door assemblies. Tested in accordance with ASTM E-152, NFPA 252 and UL-10(B) UL-10(C), UBC 7-2, Part1, and BS476: This product has been approved for use on 20 minute, 45 minute C-Label, 1 hour B-Label, and 1-1/2 hour B-Label conditions. All products are continuously monitored by Warnock Hersey to ensure compliance to manufacturing specifications.

AIR INFILTRATION

Compresses easier than silicone products, ideal for use in tight door-to-frame fit situations. Smoke tested in accordance with ASTM E-283, SDI 116 and meets or exceeds the allowable maximum air leakage for smoke and draft control assemblies.

APPEARANCE

Manufactured with self-extinguishing non-toxic silicon. Remains flexible from -100 degrees fahrenheit to 800 degrees fahrenheit. Sets the standard for fatigue resistance in an elastomer. Will not crack or craze after millions of cycles. Excellent memory retention. Not affected by ultra-violet light, fungus or mildew. Timely colors: Browntone, Western White, Black and Clear.

INSTALLATION

TA-51 Fire-Rated Seals are easy to install. One profile seals the hinge, strike side and header. The special adhesive on the TA-51 is designed to apply easily and last for many years. Its extreme pliability allows its use on tight fitting doors without causing bind.

SMOKE TESTED

Product has been successfully tested for smoke, Positive Pressure and draft control in accordance with ASTM E-283. Performance evaluated in accordance with testing procedures defined by NFPA (National Fire Protection Association) 105-99 UL 1784-1990, UBC 7-2, Part 2 and BS 476: Part-31, Section 31.1: TA-51 meets or exceeds standards for infiltration of smoke and/or drafts.

INSTRUCTIONS:

1. Remove approximately 24" (610mm) of backing from the SiliconSeal™ strip. Be careful not to touch it with dirty or sweaty hands or drag the adhesive on the ground.
2. With the stabilizer flange pointing away from the stop, position the SiliconSeal.™ Without stretching it, press down each inch of length to activate all of the adhesive against the frame. The use of a hand roller is highly recommended.
3. Remove the next 24" (610 mm) of paper backing and repeat (2) until the entire length for a top or side is installed. Do not install as one continuous piece – cut the SiliconeSeal™ (with a cope or miter joint) at the corners where the top and sides meet.

FRAME PREPARATION

WARNING: Surface Preparation is necessary for proper adhesion. Failure to prepare the surface could result in product failure and/or latching difficulty.

SURFACE: Ensure that all surfaces are clean, dry and free of dust, grease, oil and/or wax.

CLEANING: Surface may be prepared with handi wipe provided, TSP or similar cleanser. Wipe surface with clean, dry, lint-free cloth and allow to dry completely prior to application.

TEMPERATURE: Your TIMELY INDUSTRIES' gasket adhesive will perform to optimum specifications when applied to a clean, dry frame between 50 and 100 degrees Fahrenheit (surface temperature).

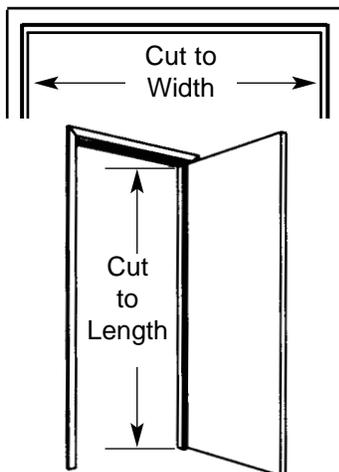
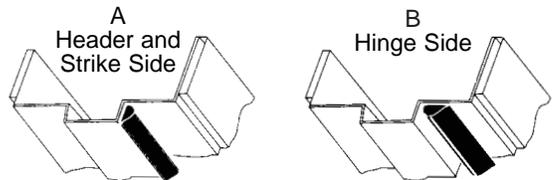
Note: A micro-layer of wax is applied to the frame as a lubricant during manufacturing. It must be removed prior to applying gasket to ensure proper adhesion.

INSTALLATION

Wipe stop portion of frame and make sure it is clean and dry,

Do not attempt to apply gasket in "one-piece" Cut into three (3) sections for proper installation, (See Below)

1. Cut smoke gaskets for sides to length and apply to the stop on the strike side and to the rabbet on the hinge side. See Diagram A & B.



2. INITIAL PLACEMENT: Remove a portion of paper backing which protects the adhesive by gradually peeling the tape and press gasket in place. (do not touch the adhesive) (Figure 1)

3. Cut gasket for head to size. Gradually peel the tape from the adhesive and press the gasket in place. Apply as shown in Figure 1.

4. Do not overlap gasket where header and sides meet, (See Figure 2)

5. Press all 3 pieces again making sure it is securely applied. Test door for proper operation

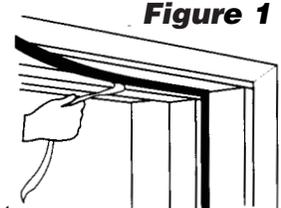


Figure 1

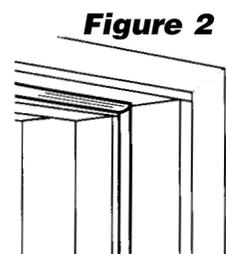


Figure 2

Traditional Installation -
 For any other Fire Requirements, See Mfg Installation Sheet

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3. Remove the next 24" (610 mm) of paper backing and repeat (2) until the entire length for a top or side is installed. Do not install as one continuous piece – cut the SiliconeSeal™ (with a cope or miter joint) at the corners where the top and sides meet.

ADJUSTMENT OF GASKET & SETTING OF ADHESIVE: Gasket may be readjusted within the first hour. Adhesive will take a permanent set in 24-48 hours, depending on surface of frame.