

BOSS[®] 818 Fire Rated Putty Pads

TYPICAL PROPERTIES

Color	Terra-cotta
Size	7" X 7" X 1/8" (18cm X 18cm X 0.3cm)
Asbestos Fillers	None
Water Soluble	No
Solids	100%
Intumescence Activation	Expansion begins at 220°F (104°C)
Specific Gravity	1.48G/CC
Application	By hand
Cure Time	N/A as product is effective immediately on application

*Information on this data sheet is subject to change without notice and should not be used for writing specifications. For additional information on specific applications, contact Soudal.



DESCRIPTION

BOSS[®] 818 Putty Pads are one component, moldable, fire-rated pads for through penetration fire stop systems. They are preshaped and easily inserted by hand into openings such as outlet boxes, electrical and mechanical cabinets. In the event of a fire, **BOSS[®] 818** Putty Pads intumesce to form an insulating char that prevents the spread of flames, smoke, and toxic gases through openings. **BOSS[®] 818** Putty Pad systems are rated for up to 2 hours in accordance with ASTM E-814 (UL 1479) and ULC/CAN4- S115-M Test Standards.

APPLICATIONS

BOSS[®] 818 Putty Pads are designed to seal penetrations in metal, electrical and mechanical cabinets, and outlet boxes.

FEATURES

- **Single part putty system with no mixing required**
- **Easy to install by hand**
- **Adheres to all common building substrates, including electrical conduits**
- **Does not contain any volatile solvents or asbestos fillers, so is safe to use in confined spaces**
- **Intumescent - expands when exposed to heat and fire**
- **DOT Classification: Not regulated**
- **Has excellent acoustic properties**

SPECIFICATIONS

BOSS[®] 818 Putty Pads are tested to a minimum 0.01 inch of water, positive pressure, in accordance with ASTM E-814 (UL 1479). For specific test criteria and to view Listings, consult the UL Fire Resistance Directory or call Accumetric, LLC.

ASTM E-84, UL 723 Tunnel Test:

Flame Spread 5

Smoke Index 15

STC Rating 49

(tested in accordance with ASTM E-90-97)

INSTALLATION INSTRUCTIONS:

Remove the protective liner from one side of the pad. Align with the side of the box partially overlapping the stud and press to adhere. Working with the hands, continue to press the pad around to the opposite side of the box, slightly overlapping the edge. If the wall membrane has been installed, pack putty pad into the gaps between the box and the gypsum board, slightly overlapping the wallboard surface. If the wallboard has not been installed, ensure that the pad overlaps the front edge of the box so that the putty can be compressed around the edge of the box once the wallboard is installed.

To fit around conduits and cables, cut slits in the pad and press to the surface of the box around these penetrations. Trim excess at corners and apply to conduit fittings connected to the box. Remove exposed liner. As an option, the putty may be packed inside the conduit fittings to prevent the passage of smoke. For a 1 to 2 hour fire rating, only one thickness of **BOSS® 818** Putty Pad is required (1/8").

PACKAGING

BOSS® 818 Fire Rated Putty Pads are available in 20 ct. packages. Each Pad is 7" X 7" X 1/8" (18 cm X 18 cm X 0.3 cm).

STORAGE AND SHELF LIFE

BOSS® 818 Putty Pads should be stored in a dry, covered area at a temperature between 35°F (2°C) and 120°F (49°C). The product should be protected from freezing, but if freezing does occur, make sure the product thaws completely before using. **BOSS® 818** Putty Pads have a minimum shelf life of 24 months if stored correctly and should be used on a first in, first out basis. Product older than 24 months should be inspected prior to use.

LIMITATIONS

Keep dry. Do not expose to water.

CAUTION

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT. Avoid eye and skin contact. Use only outdoors or in a well ventilated area. Do not handle contact lenses with sealant on hands. **IN CASE OF EYE CONTACT,** flush eyes with water for 15 minutes. Obtain medical attention. **IN CASE OF SKIN CONTACT,** remove from skin and flush with water. Do not use solvents to remove from skin. **IN CASE OF INGESTION,** call physician immediately. Clean spills immediately with scrapers and water. Keep container upright and tightly closed, do not reuse. **KEEP OUT OF REACH OF CHILDREN.**

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

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Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

BOSS® PRODUCTS

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