

BOSS[®] 180 Multi Seal[®] Insulation Anchor Pin System Adhesive

TYPICAL PROPERTIES

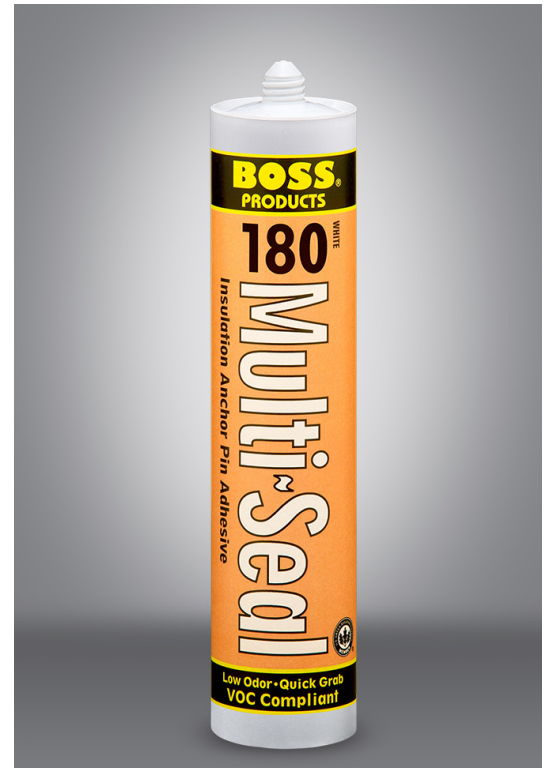
Uncured

Specific Gravity	1.30
Sag/Slump.....	Nil
Tack Free	20-25 min.
Cure Time at 75°F (24°C) and 50% RH (3/8" thick)....	24 hrs.
Extrusion Rate.....	225 g/min.

Cured-Physical

Durometer, Shore A Hardness.....	35 points
Tensile Strength.....	220 psi
Elongation	400%
Service Temperature.....	-40°F to 325°F
Application Temperature	-35°F to 140°F

*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[®] 180 Multi-Seal[®] is a one component, moisture curing adhesive for adhering anchor pins to rigid boards, fibrous semi-rigid board, masonry walls, ducts, metal buildings, painted and galvanized surfaces. **BOSS[®] 180 Multi-Seal[®]** has immediate grab and high bond strength allowing insulation to be hung in 24 hours. Check an anchor pin before hanging insulation to be sure it is secure. Cure times vary with humidity. **BOSS[®] 180 Multi-Seal[®]** forms a strong bond even on damp surfaces.

FEATURES

- Use for rigid board and fibrous, semi-rigid board insulation masonry walls, ducts and metal buildings
- Can be used with nylon and metal based pins
- Immediate grab and high bond strength
- Insulation can be hung the next day
- Adheres to painted and galvanized surfaces
- Excellent thermal shock resistance
- Water resistant
- Low odor
- VOC Compliant
- Qualifies for LEED Credits
- Primerless adhesion to damp and non-porous surfaces

SPECIFICATIONS

BOSS® 180 Multi-Seal® meets TT-S-000230C, Type II, Class A; ASTM C920, Type S, Grade NS, Class 25, Use G, M, A, and O; CAN/CGSB 19.13-M87.

HOW TO USE

1. Remove the anchor pin support board from the carton and unfold.
2. Hold the support board and insert the anchor pins into the support board at least 1/2" so they are secure. Apply the anchor pins in rows to allow for the maximum number of anchor pins. The support board will accept 5 anchor pins per row and 6-7 columns.
3. Cut the tip of the **BOSS® 180** Multi-Seal® nozzle straight across at the end of the threads. Insert the cartridge into a caulk gun.
4. Place the support board with anchor pins pointed down on a stable surface.
5. Point the nozzle straight down and apply a 5/8" diameter "kiss" to the center of each anchor pin base.
6. Carefully grab the handle of the support board. Remove anchor pins one at a time and stick it in place. Surfaces should be free of any dust, wax, frost, dirt, grease, oil, rust or other contaminants.
7. RESEALABLE: If entire contents are not used place **BOSS®** Sealant Plug clockwise into opening twisting minimal revolutions. Do not over tighten. To remove turn counter clockwise.

CLEAN UP

Uncured sealant can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice use **BOSS®** Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

PACKAGING

BOSS® 180 Multi-Seal® Adhesive/Sealant is available in standard caulking cartridges. Other sizes available upon request.

SHIPPING LIMITATIONS

None.
Reactive VOC 42 g/l (<3% wt)

LIMITATIONS

- Some protective coatings may not allow required adhesion
- It is the sole responsibility of the user to test the adhesion to the substrate for suitability
- New concrete surfaces need to cure a minimum of 28 days in order to ensure best adhesion

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 180** Multi-Seal® Adhesive/Sealant has a shelf life of 12 months from date of shipment. In countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. **DO NOT** stack cartons on their side. **NEVER** stack cartons more than 8 high. **DO NOT** store within 1 meter (4 feet) of roofline of the warehouse or storage building.

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. KEEP OUT OF THE REACH OF CHILDREN. For safe handling information on this product, consult the Safety Data Sheet (SDS).

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.

Non-warranty: Because the storage, handling and application of the material is beyond Soudal's control, we can accept no liability for the results obtained. Soudal's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Soudal will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

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

MADE IN U.S.A.

BOSS® PRODUCTS

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