

BOSS[®] 368 Butyl Rubber Sealant

TYPICAL PROPERTIES

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|---|---|
| Specific Gravity | 1.28 G/CC |
| Weight per gallon..... | 12-15 lbs. |
| Shrinkage | 10% Max |
| Tack-free time: ASTM D-2377-84..... | 25 minutes |
| Weather Resistance: ASTM C-732-82 | Pass |
| Flexibility..... | No cracking, separation or loss of adhesion of a 3/8" diameter bead on galvanized steel when bent at -60°F over a 1/4" mandrel after being subjected to three cycles of: 16 hours at 158°F 8 hours at 0°F after first conditioning for two days at 77°F. |
| Slump - ASTM-D-2202..... | 0.5" at 158°F |
| Service Temperature..... | -60°F to 386°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[®] 368 Butyl Rubber Sealant is a one component skinning product for sealing standing seam roofs and side walls.

BOSS[®] 368 provides excellent adhesion to metal, asphalt, wood, and masonry substrates.

USES

- Seals standing seam roofs
- Seals side walls
- Seals gutters and downspouts
- Filling and caulking joints in heating and air conditioning ducts
- Excellent sealant for sealing joints in sheet metal.

SPECIFICATIONS

BOSS® 368 meets or exceeds TT-S-001657, TT-C-1796A, Type I, Class A. **BOSS® 368** meets FDA regulation, food additives, sub-part F, sub-paragraph 175.105 being composed of ingredients acceptable for packing and transporting food. **BOSS® 368** is acceptable to the U.S. Department of Agriculture for use in meat and poultry processing areas under Federal Inspection. **BOSS® 368** meets ASTM-E-90 and ASTM-E-84.

HOW TO USE

Application

Cracks deeper than 1/2" should be bottom filled. A modification of this formulation should be requested if a wider opening than 3/4" is to be filled. Pumpability information: Severs Rheometer .104" orifice, 40psi - 7/15 seconds. Can be pumped from 5 gallon and 55 gallon drums with a line pressure of 80-100 lbs. of air pressure, using a pump ration of 80 to 1 at 70°F.

Bubble Formation

Will not exceed 25% of surface after 72 hours at 158°F.

Weatherometer

1,000 hours with very slight yellowing of the white grades.

S-1 Sunlamp Exposure

1,000 hours - no apparent change.

Stain and Corrosivity

1. None as prescribed in ASTM-D925, Method A.
2. No pitting or corrosion of aluminum or galvanized. After 7 days of aging of the sealant on the metals in water 158°F.
3. Copper staining - no evidence of darkening, etching, or salt deposits on the copper after 7 days of storage of polished copper in the sealant at 158°F.
4. Exterior exposure - no evidence of pitting or galvanized steel covered by bead of sealant or evidence of deterioration of the sealant after one year exposure on 45° rack facing south on Florida sun.

Water Immersion

Two weeks in water - no effect.

Effect on Materials

Wood - none
Glass - none
Aluminum - none
Various other metals - none

CLEAN UP

Uncured sealant can be removed using xylene or mineral spirits. If the sealant is cured it must be removed mechanically by cutting or scraping.

COLORS

BOSS® 368 is available in black, grey, and white.

PACKAGING

BOSS® 368 Butyl Rubber Sealant is available in standard caulking cartridges. Other sizes available upon request.

SHIPPING LIMITATIONS

Caulking compound, NOBIN. No red label required.

Reactive VOC 202 g/l (<1% wt)

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).

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 368** Butyl Rubber 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.

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.

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