SealBoss® FlexSeal Features

- Economical, User Friendly and
- Labor Saving
- Resistant to Bacterial Growth
- Meets the Criteria of ASTM C-836

Typical Application Environments

- Bridges
- Tunnels
- Split Slabs, Plaza Decks
- Basements, Balconies
- Foundation Walls
- Planters
- Culverts

Product Description

Type of Material

**SealBoss® FlexSeal** is a single component, liquid applied, bitumen modified, coal tar free, urethane polyurea based water proofing membrane. The product is available in two grades, H for horizontal and V for vertical applications.

**Color:** Black

Processing

Mixing

SealBoss® FlexSeal should be thoroughly mixed using a mechanical mixer at slow speed or manually in such fashion as to ensure a homogeneous material. Avoid entrapment of air into the material as air bubbles may form when membrane is applied.

Application

SealBoss® FlexSeal may be applied with various methods such as brush, squeegee, trowel or roller, such as a phenolic core roller. Apply the material evenly. Surfaces must be dry, clean and free of foreign matter.

Joints, Cracks and Flashing

SealBoss® FlexSeal may be applied over cracks and joints. For wider cracks, it is recommended to use a PolyesterTape or similar for additional strength. First apply some material and then embed reinforcement tape into material and fill with more material to smoothen the area with the adjacent surface.

Primer

Primer is optional but may be recommended to achieve the best possible results.

Curing

For multiple coat applications, allow coating to cure for a minimum of 16 hours and a maximum of 48 hours before proceeding to apply subsequent layers. (Recommendation is for 70°F / 21°C and 50% relative humidity.

SealBoss® FlexSeal is very sensitive to temperature and moisture. Higher temperatures and/or higher relative humidity will accelerate the cure time! Use caution in thickness of your application as thicker layers will prolong the cure time.

 STORAGE

SealBoss® FlexSeal has a shelf life of six months in factory sealed containers at room temperature and stored indoors.

Limitations

SealBoss® FlexSeal is not UV stable. The product is not intended for direct wear or abrasion. Containers that have been opened must be used as soon as possible. Product must not be diluted.

Maintenance of Equipment

Remove all excess sealant and any smears. Tools and mixing equipment are best cleaned immediately after use with an environmentally safe solvent as permitted under local regulations. Some solvents are hazardous, are aggressive towards plastic and rubber and might be in conflict with regulations on the jobsite. Caution! Some cleaners are combustible.

Precaution

Protect your health! While working with this material, safety goggles, gloves and safety clothing must be worn at all times. While injecting, a full face shield is strongly recommended. Spills and blow-outs do happen! Protect yourself and others on the jobsite. Consider property in proximity of the application area to prevent loss or damage. Protect your jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children!

Observe container labels, MSDS, and instructions in the Product Catalog before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area. Further protection: emergency showers and eyewash stations.
Limited Warranty Policy and Disclaimer for Products Supplied and/or Distributed by SealBoss Corp.: SealBoss Corp. Products are for Professional Use. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use. SealBoss Corp. warrants supplied / distributed products to be free of manufacturing defects. Seller’s and manufacturer’s sole responsibility shall be to replace that portion of the product of the manufacturer which proves to be defective. There are no other warranties by SealBoss Corp. of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. SealBoss Corp. shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. SealBoss Corp. shall not be responsible for use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, UV damage, excessive temperature exposure, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and / or physical movement of the substrate or structural defects are also excluded from the limited warranty. SealBoss Corp. reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations and statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller. SealBoss Corp. reserves the right to change the properties of products without notice.

FlexSeal V (Vertical)  FlexSeal H (Horizontal)

<table>
<thead>
<tr>
<th>Property</th>
<th>FlexSeal V</th>
<th>FlexSeal H</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td>Hardness, ASTM D-2240</td>
<td>40 ± 5 Shore A</td>
<td>55 ± 5 Shore A</td>
</tr>
<tr>
<td>Tear Resistance, Die CASTM D-624</td>
<td>70 ±10 pli</td>
<td>70 ±10 pli</td>
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<tr>
<td>Tensile Strength, ASTM D-412</td>
<td>12.26 ± 1.8 kNm</td>
<td>12.26 ± 1.8 kNm</td>
</tr>
<tr>
<td>Ultimate Elongation, ASTM D-412</td>
<td>500 ± 75 psi</td>
<td>600 ± 75 psi</td>
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<tr>
<td>Specific Gravity</td>
<td>4,83 ± 3 MPa</td>
<td>5.53 ± 3 MPa</td>
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<tr>
<td>Total Solids by Weight, ASTM D-2369</td>
<td>50 ± 50%</td>
<td>50 ± 50%</td>
</tr>
<tr>
<td>Total Solids by Volume, ASTM D-2697</td>
<td>84 ± 3%</td>
<td>85 ± 3%</td>
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<tr>
<td>Viscosity, at 80°F / 27°C</td>
<td>76 ± 3%</td>
<td>76 ± 3%</td>
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<tr>
<td>Corrosiveness</td>
<td>Non-Corrosive</td>
<td>Non-Corrosive</td>
</tr>
<tr>
<td>Toxicity</td>
<td>Essentially Non-Toxic</td>
<td>Essentially Non-Toxic</td>
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<td></td>
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Please consult with our technical sales team for compliance in your specific area. This product contains Aromatic Hydrocarbons, Isocyanates and VOC.