

# SealBoss®

## 6900M Spray Coat QuickFix



Product Data Sheet

Two Component Modified Polyurea Coating System  
Flexible Elastomeric Polyurea Coating

### Type of Material

**SealBoss® 6900M Spray Coat QuickFix** aluminum & custom colors is a two component, 1:1, 100% solids, fast set, liquid applied, modified polyurea liner system for metal, concrete, fiberglass and roof surfaces.

### Colors

Aluminum and custom colors upon request dependent upon volume.

### Installation Guidelines

#### Surface Preparation:

In general, coating performance and adhesion are directly proportional to surface preparation. Most failures in the performance of surface coatings can be attributed to poor surface preparation. Polyurea coatings rely on the structural strength of the substrate to which they are applied. All surfaces must be free of dust, dirt, oil, grease, rust, corrosion and other contaminants. When coating substrates previously used, it is important to consider the possibility of substrate absorption, which may affect the adhesion of the coating system, regardless of the surface preparation. SealBoss® 6900M Spray Coat QuickFix recognizes the potential for unique substrates from one project to another. The following information is for general reference, and for project-specific questions, contact SealBoss®.

#### New and Old Concrete:

Refer to SSPC-SP13/NACE 6, or ICRI 03732: CSP 3-5. New concrete must be cured for 28 days prior to product application. Surface must be clean, dry, sound and offer sufficient profile for product adhesion. Remove all dust, dirt, oil, form release agents, curing compounds, salts, efflorescence, laitance and other foreign matter by shot blasting and/or suitable chemical means, in accordance with local chemical regulations. Rinse thoroughly, to achieve a pH between 8.0 and 11.0. Allow to dry completely. If old concrete has a surface that has deteriorated to an unacceptably rough surface, use a concrete repair material for cracks, spalls, bug holes and voids. Upon full cure of the repair agent, prime the entire surface intended for coating.

#### Concrete Surface Preparation Reference:

ASTM D4258 - Standard practice for cleaning concrete  
ASTM D4259 - Standard practice for abrading concrete  
ASTM D4260 - Standard practice for etching concrete  
ASTM F1869 - Standard test method for measuring moisture vapor emission rate of concrete  
ICRI 03732 - Concrete surface preparation.

#### Wood:

All wood should be clean, dry and free of any knots, splinters, oil, grease or other contaminants. Splintered or rough areas should be sanded. Knots should be repaired using Ever-Thane Fast Flash with sand. Upon full cure of the repair agent, prime the entire surface intended for coating.

#### Steel (Atmospheric and Immersion Exposure):

Remove all oil, grease, weld spatters and round off any sharp edges from surface. Minimum surface preparation is Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Optimum surface profile is 2-3 mils. Prime and shoot SealBoss® 6900M Spray Coat QuickFix on to any bare metal the same day as it is cleaned to minimize any potential flash rusting.

#### Aluminum:

Aluminum should be blasted with aluminum oxide or sand, and

### SealBoss® 6900 Spray Coat QuickFix Features

- Seamless
- Tough and elastomeric
- Chemical Resistance
- Low Temperature Flexibility
- High Build and Quick Drying
- Slip Resistance
- Abrasion and Impact Resistant
- Low Temperature Flexibility

### Typical Application Environments

- Metal Roofs
- Cargo Holds
- Boat Linings
- Cargo Liners
- Wood Substrates
- Waterproof Decking
- Parking Garage Decks
- Walkways and Balconies
- Water and Waste Water Treatment
- Industrial and Manufacturing Facilities
- Marine Environments Paper and Pulp Mill

not with steel or metal grit. Excessive blasting may result in a warped or deformed surface. After blasting, wash aluminum with a commercially available aluminum cleaner. Allow to dry, then prime.

#### Brass and Copper:

Brass and copper should be blasted with sand, and not with steel or metal grit. Remove all dust and grease prior to applying primer.

#### Galvanized Surfaces:

Clean and degrease any contaminated surfaces before priming. Do not blast galvanized surfaces with an abrasive grit. An adhesion test is recommended prior to starting the project.

#### Fiberglass Reinforced Plastic:

The gel coat should be lightly blasted or sanded with 80 grit sandpaper and cleaned.

#### Plastic Foams:

Enhanced adhesion is obtained when the foam is mechanically braded. When coating polystyrene, do not use a solvent-based primer.

#### Textiles, Canvas, Fabrics:

Adhesion to most fabrics, geothermal membranes and textiles does not require a primer.

#### Stainless Steel:

Stainless steel may be grit blasted and degreased before priming. Some stainless steel alloys are so inert that it is not possible to achieve a satisfactory bond. An adhesion test is recommended prior to starting the project.

#### New and Old Cast Iron:

Blast with a steel grit and degrease before priming. Old cast iron is difficult to prepare for a satisfactory bond. It can absorb oil and water soluble contaminants that will keep returning to the surface after the coating system has been applied

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and affect the coating system adhesion. An adhesion test is recommended prior to starting the project.

#### All Other Surfaces:

An adhesion test is recommended prior to starting the project.

#### Mixing:

SealBoss® 6900M Spray Coat QuickFix may not be diluted under any circumstances. Thoroughly mix SealBoss® 6900M Spray Coat QuickFix, Part-B (Resin side) with air driven power equipment until a homogeneous mixture and color is obtained.

#### Limitations

Do not open until ready to use.

Both Part-A and Part-B containers must be fitted with a desiccant device during use.

#### Application

Both Side-A and Side-B materials should be preconditioned to 75-80°F before application.

Recommended surface temperature must be at least 5°F above the dew point. SealBoss® 6900M Spray Coat QuickFix should be applied using a plural component, heated, high pressure 1:1 spray mixing equipment like Graco's Reactor, Glass Craft or other equivalent machine may be used.

Both Part-A and Part-B materials should be sprayed at a minimum of 2000 psi and at temperatures above 150°F. Adequate pressure and temperature should be maintained at all times.

SealBoss® 6900M Spray Coat QuickFix should be sprayed in smooth, multidirectional passes to improve uniform thick-ness and appearance.

#### Storage & Handling

SealBoss® 6900M Spray Coat QuickFix has a shelf life of six (6) months from date of manufacture, in factory-sealed containers. Part-A and Part-B drums are recommended to be stored above 60°F. Avoid freezing temperatures. Store drums on wooden pallets to avoid direct contact with the ground. If stored for a long period of time, rotate Part-A and Part-B drums regularly.

#### Standard for Safety:



ANSI/UL 790, "Tests for Fire Resistance of Roof Covering Materials"

#### Maintenance of Equipment

Tools and equipment must be cleaned immediately after use. Remove all excess product. Cured product is hard to remove. **SealBoss® R70 Pump Flush** is a solvent free, non-flammable cleaner, lubricator, pump and hose conditioner. Please refer to the product data sheet for detailed information.

#### Health and Safety

Protect your health! Always use safety gear in compliance with OSHA and all applicable local and job-site regulations While working with products. Wear appropriate safety goggles, gloves and safety clothing at all times. Protect jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children and animals! Observe container labels, SDS, applicable laws and regulations and all instructions 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. Get immediate medical attention as needed.

CERTIFICATE OF COMPLIANCE	
Certificate Number	20161222-R38985
Report Reference	R38985-20161221
Issue Date	2016-DECEMBER-22
Issued to:	SEALBOSS CORPORATION 1669 E Wilshire Ave Santa Ana, CA 92705 USA
This is to certify that representative samples of	Roofing Systems SEALBOSS RUST PRIMER, SEALBOSS PU PRIMER, SEALBOSS FLASHSEAL, SEALBOSS TOPCOAT, SEALBOSS PU TOPCOAT, SEALBOSS 6900M WHITE TOPCOAT, SEALBOSS 6900M BRIGHT WHITE TOPCOAT
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	ANSI/UL 790, "Tests for Fire Resistance of Roof Covering Materials"
Additional Information:	See the UL Online Certifications Directory at <a href="http://www.ul.com/database">www.ul.com/database</a> for additional information
Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.	
Look for the UL Certification Mark on the product.	
 Bruce Mahanovic, Director North American Certification Program UL LLC	
Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) to any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <a href="http://ul.com/wholocaloffice">http://ul.com/wholocaloffice</a>	
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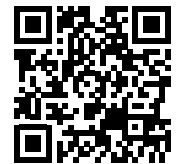
**Warning:** This product contains Isocyanates and Curative Material. See Technical Data and Warranty & Disclaimer below.

#### Technical Data

##### Packaging

Pail kit:	Part-A Isocyanate (net 47 lb) Part-B resin side (net 45 lbs.)
Drum Kit:	Part-A Isocyanate (net 473lbs.) Part-B resin side (443 lbs.)

Coverage Rate (Theoretical Coverage)	1gal / 1600 sq ft
Color	Aluminum & Custom Colors
Shelf Life	8 months
Mix Ratio, by Volume	1A:1B
Pot Life at 150-160°F	3 -5 seconds
Tack Free Time (150 mils)	20 - 40 seconds
Recoat Time	0 - 12 hours
Viscosity at 150-160°F Part-A Part-B	100 ± 50 cps 100 ± 50 cps
Density (Side A & B Combined)	9.31 lb/gal
Flash Point	>200°F
Hardness (Shore A)	85 ± 5
Tensile	2000 ± 200 psi
Elongation	225 ± 50%
Tear, ASTM D-624	250 ± 50 pli
Service Temperature	-20-250°F



**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.

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