

SealBoss®

6900 Spray Coat QuickFix



Product Data Sheet

Two Component Fast Cure Polyurea Coating System Flexible Elastomeric Polyurea Coating

Product Description

SealBoss® 6900 Spray Coat QuickFix is a fast set, rapid curing, 100% solids, flexible, aromatic, two component spray polyurea that can be applied to suitably prepared concrete and metal surfaces. Its extremely fast gel time makes it suitable for applications down to -20°F. It may be applied in single or multiple applications without appreciable sagging and is relatively insensitive to moisture and temperature allowing application in most temperatures.

Colors

Neutral. Custom colors are available upon request. Due to its aromatic composition, SealBoss® 6900 Spray Coat QuickFix will tend to yellow or darken in color and will become flat after exposure to UV light. SealBoss® 6900 Spray Coat QuickFix may be topcoated with an aliphatic polyurethane coating for a colorfast finish.

Packaging

10 gallon kit: One 5 gallon pail of Part-A and one 5 gallon pail of Part-B. 100 gallon kit: One 50 gallon drum of Part-A and one 50 gallon drum of Part-B.

Coverage

SealBoss® 6900 Spray Coat QuickFix may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1600 sq. ft.

Surface Preparation

Surface must be properly prepared. Concrete surfaces prepared according to NACE standard RP0892-92. Steel surfaces must be a "near white metal" blast to SSPC-SP-10 with a 4 mil profile. All surfaces must be free from dust, rust, moisture and other oils and contaminants. Concrete surfaces must be primed with appropriate SealBoss® primer to promote adhesion. Holding tanks must be agitated and maintained at a temperature of 85°F. Avoid moisture contamination of material. Refer to general guidelines for complete information.

Mixing

SealBoss® 6900 Spray Coat QuickFix may not be diluted under any circumstances. Use appropriate solvent for solvent purge line and flushing of equipment and if spraying stops for periods exceeding the potlife of the material. Thoroughly mix SealBoss® 6900 Spray Coat QuickFix Part-B Base material with air driven power equipment until a homogenous mixture and color is obtained.

Application

Both Part-A and Part-B materials should be preconditioned at 75-80°F before application. SealBoss® 6900 Spray Coat QuickFix should be applied using a plural component, heated, high pressure 1:1 spray equipment. The product may be applied at any ambient temperature. However, the equipment temperature is important. Both Part-A and Part-B materials should be sprayed at temperatures above 150°F. Adequate pressure and temperature should be maintained at all times.

SealBoss® 6900 Spray Coat QuickFix Features

- Excellent Thermal Stability
- Zero VOC
- No Toxic Vapors Odorless
- Meets USDA Criteria
- 100% Solids
- Seamless
- Low Permeance Rate
- Low Temperature Flexibility
- Non-Reactive
- Good Chemical Resistance

Typical Application Environments

- Airports
- Refineries
- Cold Storage
- Power Plants
- Fertilizer Plants
- Mining Facilities
- Warehouse Floors
- Sec. Containment
- Structural Steel
- Landfill Containment
- Parking Garage Decks
- Food Processing Plants
- Walkways and Balconies
- Water and Waste Water Treatment
- Industrial and Manufacturing Facilities Marine
- Environments Paper and Pulp Mill

Limitations

Do not open until ready to use.

Storage

SealBoss® 6900 Spray Coat QuickFix has a shelf life of ten (10) months from date of manufacture in factory sealed containers. Part-A and Part-B drums must 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.

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.

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Warning: This product contains Isocyanates and Curative Material. See Technical Data and Warranty & Disclaimer below.

Technical Data

Mix Ratio by Volume	1A : 1B
Pot Life	3-5 seconds
Tack Free Time	60-120 seconds
Recoat Time	0-12 hours

Viscosity at 150-160°F (66.5-71°C), Brookfield:

Part-A	50 ± 20 cps
Part-B	50 ± 20 cps

Density (Side A & B Combined)	8.75 lbs/gal
Flash Point	>200°F
Hardness, ASTM D-2240	85 ± 5 A
Tensile, ASTM 412-C	3000 ± 200 psi
Elongation, ASTM 412-C	650% ± 50%
Tear, ASTM 624-C	450 ± 50 pli
Service Temperature	-40°F to 300°F
Adhesion ASTM D4541	900-1000psi

(90 micro(m) blast profile steel)	
Abrasion	6mg loss
(Taber Abrasion Method - CS17 Wheel, 1000 cycle, 1000g)	



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