

SEAM SEALER / FIELD SEALER



DESCRIPTION

The Seam/Field Sealer was designed to be economical and environmentally friendly. The Seam/Field Sealer is a superior fluid applied rubber that combines the elastic, waterproofing and weatherproofing properties highly refined Liquid Rubber. The Seam/Field Sealer was designed with excellent adhesion thus locking out moisture and contaminants. The Seam/Field Sealer contains no fillers or solvents. On projects where complete coverage is necessary a Field Sealer is available. The field sealer was formulated for these areas and has the same properties as Seam Sealer.



FEATURES AND BENEFITS

ELONGATION & RECOVERY

Over 800% elongation with a recovery of over 80%. Traditional products have 100% - 500% elongation but most have a recovery rate of less than 50% if they have any recovery at all.

SELF REPAIRING

This is a very unique benefit that most products don't have. The IPP Seam / Field Sealer is self sealing when punctured and has self healing properties when cut.

ENVIRONMENTALLY FRIENDLY

The IPP Seam / Field Sealers are a smart eco-friendly alternative to most conventional products and have the following benefits:

- Water based
- Single component cold fluid applied
- Require no heat or special ventilation
- Contain no solvents
- Emits no VOC's
- Minimizes the burden on landfills



PREPARATION

All surfaces should be free from an loose material, oils, grease, or other foreign materials. If present these should be removed prior to application by means recommended by IPP. Follow specifications provided by IPP in the proper application of the Seam/Field Sealer.



APPLICATION

When available apply the IPP Seam/Field Sealer by using the IPP Pump System designed by Instacoat specifically for the Seam/Field Sealers. Utilize spraying techniques taught during the Instacoat Training. A polyester reinforcement fabric may be incorporated for additional strength. If spray equipment is not available the IPP Seam/Field Sealer may also be applied using a roller, brush or squeegee .



TOP COATS

Instacoat 250 HS Silicone and IPP Granules

Apply these top coats only after full cure of the Instacoat membrane. Apply the Instacoat Silicones utilizing the Instacoat Airless Spray Unit or by hand utilizing a chemical resistant 3/8 nap roller. Instacoat granules may be applied by hand or utilizing broadcast system developed by Instacoat.



COVERAGE RATES

Please refer to or contact Instacoat for the specifications that meet the specific project requirements.

877-552-6724 | www.sprayrubber.com

5920 N Huron Ave Oscoda, MI 48750

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DRY TIME (@ 70° F & 50% RH)

To TOUCH

1 to 6 hours depending

EXPOSURE TO SHEDDING WATER

Single Component System - 12 to 24 hours

FULL CURE

Single Component System - 24 –72 hours

Cure & Dry times will vary due to temperatures and humidity.

WARRANTY

Warranty Information is available by contacting Instacoat Premium Products.

LIMITATIONS

Must be stored and applied at temperatures above 40° F (4° C). Contact Instacoat if application temperatures fall or are expected to fall below 40° F (4° C).

AVAILABILITY

Both the Seam Sealer and Field Sealer are available in Quarts, Gallons, 5 gallon pails or 55 gallon drums.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local IPP representative or visit our website for current technical data and instructions.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and 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. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. 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 or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and IPP makes no claim that these tests or any other tests, accurately represent all environments.

TEST	TEST PROCEDURE	RESULTS
Elongation at Break	ASTM-D-468	>800% Max machine stroke reached
Elongation	ASTM-D-412	>800%
Recovery	ASTM-D-412	>80%
Tensile Strength	ASTM-D-412	208.2psi @ 1001% elongation 1600 psi @ 450% elongation Materials Did Not Fail
Tensile	ASTM-D-413	2000 lbs./ft ² Up-lift Force
Peel Strength	ASTM-D-903	Materials Did Not Peel
Puncture Resistance	ASTM-E-154	No Puncture
Water Absorption	ASTM-D-570	1.02% Max
Water Vapor Trans.	ASTM-E-96	.08 Grains/Hr/ft ²
Permeance	ASTM-E-96	.46 Grains/Hr/ft ²
Resistance to Hydrostatic Head	Calders Testers Hydro Stand 10-30K	150 PSI
Class A Fire Rating ½": 12	ASTM-E-108-94	Passed
Soil Burial	ASTM-D-4068	Passed
Ash Content	ASTM-D-2939	2.98%
Direct Flame Test	ASTM-D-2939	Passed
Drying Time	ASTM-D-2939	Passed
Extensibility after heat aging	ASTM-C-836	¼ Inch stretch with no cracking
Flash point	ASTM-D-2939	>140°F
High Temp Aging	ASTM-E-240	>300% 48 days @ 176°F
Hydrostatic Pressure	ASTM-C-1306	16.67% over cracks
Low Temp Elongation	ASTM-D-412	>500%
Methane transmission rate	MOCON Multi Tran 400	<5 CC/(m ² –day)
Noise Reduction	ASTM-E-1007	98% @ 205 mil
Uniformity	ASTM-D-2939	Pass
Wet Film Continuity	ASTM-D-2939	Pass
Freezing Resistance	ASTM-D-2939	Pass
Heat Resistance	ASTM-D-2939	Pass
Resistance To Voltitization	ASTM-D-2939	0.84% Loss
Resistance To Kerosene	ASTM-D-2939	Pass
Residue By Evaporation	ASTM-D-2939	>60%
Resistance To Water	ASTM-D-2939	No signs of Re-emulsification
Puncture Resistance	ASTM-E-154	No Puncture @ Deflection Max machine stroke reached
Impact Resistance	ASTM-D-2939	Pass
Impact Resistance after Accelerated Weathering	ASTM-D-2939	Pass
Salt Fog Exposure	ASTM-B-117	No Deterioration or failure
Peel Strength asphalt	ASTM-D-903	>10 lbf/in
Peel Strength Concrete	ASTM-D-903	>12 lbf/in
Peel Strength Foam	ASTM-D-903	>7.5 lbf/in Substrate failed prior to adhesion failure
Peel Strength Steel	ASTM-D-903	>11 lbf/in
Peel Strength Wood	ASTM-D-903	>11 lbf/in
Peel Strength	ASTM-D-903	Did not Peel

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