

WATERPROOFING THAT EXCEEDS YESTERDAYS, TODAYS, AND TOMMORROWS CONSTRUCTION METHODS!

The IPP W50-SC was designed to create a waterproofing membrane that outperforms other membrane technologies. With the use of exceptional products and knowledgeable installers the IPP W50-SC Waterproofing is an excellent economical choice for the owner and installers. The IPP W50-SC membrane is a durable long lasting membrane that keeps the water and moisture out.

When combined with other IPP waterproofing products a waterproofing system is created that will outperform other systems currently available today. Contact IPP for a list of our waterproofing products that will keep your structure dry for decades.

DESCRIPTION

The IPP W50-SC is a superior fluid applied rubber that combines the elastic properties of a modified latex with the weatherproofing and waterproofing qualities of a highly refined emulsified asphalt. IPP has also further refined the IPP W50-SC to meet particular application needs and uses.

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 Instacoat Membrane is self sealing when punctured and has self healing properties when cut.

ENVIROMENTALLY FRIENDLY

The IPP W50-SC is a smart eco-friendly alternative to most conventional products and have the following benefits:

- Water based
- Cold fluid applied
- Require no heat or special ventilation
- Contain no solvents and emit no VOC's



PREPARATION

All surfaces should be free from an loose material, oils, grease, or other foreign materials. These should be removed prior to application by means recommended by the manufacturer.

All cracks, penetrations, corners, terminations and transitions should be addressed prior to installation. Preparation techniques will be taught during the Instacoat Installation training.

APPLICATION

Spray apply the IPP W50-SC Waterproofing by using Spray equipment recommended by Instacoat. Spraying techniques utilized are taught during training at the Instacoat Training facility. A polyester reinforcement fabric may be incorporated for additional strength but is not required.

DRY TIME (@ 70° F & 50% RH)

To Touch

4 to 6 hours

EXPOSURE TO SHEDDING WATER

4 to 6 hours

FULL CURE

24 -72 hours

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

COVERAGE RATES

SYSTEM THICKNESS REQUIREMENTS

IPP W50-SC Rubber Membrane - 60 Mil

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).

The W50-SC Waterproofing was not designed for long term UV exposure.

PERFORMANCE DATA

TEST	TEST PROCEDURE	RESULTS
Elongation	ASTM-D-468	>800% Max machine stroke reached
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
Soil Burial	ASTM-D-4068	Passed
Drying Time	ASTM-D-2939	Passed
Extensibility after heat aging	ASTM-C-836	¼ Inch stretch with no cracking
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)
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

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.