

Insulfoam 20 Year Inservice R-Value Roofing Insulation Warranty

SECTION I INSULFOAM

1015 Pacific Avenue
Tacoma, WA 98402

(Owner), the Roofing Insulation System described in Application for Warranty Form ("Roofing System"), subject to the terms, conditions, and limitations stated in this Warranty. Insulfoam will repair or replace, at Insulfoam option, roof insulations manufactured at _____ Insulfoam manufacturing facility when the EPS Insulation, which is installed in the Roofing System described in this Warranty, is found to be below the Minimum R-Value as stated in Section II below. Liability under this warranty shall not exceed the original sales price of the insulation material. This Warranty may be enforced for any Roofing System only if the Roofing System has been installed by an approved Roofing Applicator selected by the Roofing System Membrane Manufacturer. This Warranty shall commence upon the date of the final inspection and acceptance of the Roofing System by the Membrane Manufacturer and shall terminate after Twenty (20) years.

SECTION II Minimum R-Value Standard

Insulfoam warrants that the EPS Insulation will maintain 100% of the minimum R-values identified in ASTM C 578 and CAN/CGSB-51.20. The Warranty Agreement applies to Types I, VIII, II, and IX of ASTM C 578. R-values shall be tested according to ASTM C 518 procedures and shall meet the minimum stated R-values within reasonable limits of experimental error. Such tests will be conducted at three separate areas on the roof, yielding three 12" x 12" x 1" samples. **Tests on these samples will be conducted at 75 degrees F mean temperature with the results being averaged. The tests will be performed by an independent laboratory selected by Insulfoam.

ASTM C 578 (R-Value Excerpt - 1" Thickness)

TYPE	I	VIII	II	IX
Density- Nominal, PCF	1.01	1.25	1.5	2.0
Minimum, PCF	0.9	1.15	1.35	1.8
Min. R-Value @ 75 degrees F	3.8	3.9	4.2	4.4
Min. R-Value @ 40 degrees F	4.2	4.3	4.6	4.8

SECTION III Exceptions and Limitations

In addition to all other exceptions set forth herein, this Warranty Agreement shall not cover any failure of the Insulation to meet the minimum R-value Standard due to:

- Excessive heat beyond design considerations or fire.
- The effect of coal tar pitch on the EPS Insulation.
- The effect of coal tar pitch on the EPS Insulation.
- Moisture resulting from improper installation, application or

design of the Roofing System. Moisture resulting from a malfunction or failure of other Roof System components, or Roofing Systems or construction.

- The effect of building movement on the EPS Insulation.
- The effect of plasticizer migration on the EPS Insulation.
- The effect of ultraviolet attack on the EPS Insulation.
- The effect of foot or equipment traffic or other compressive loads that exceed the design limits of the EPS Insulation.
- The effect of other external forces not under control of Insulfoam.

SECTION IV Additional Terms, Conditions and Limitations

A. Owner shall notify Insulfoam in writing at the address in Section I within sixty (60) days after Owner of Warranted Roof System becomes or should have become aware of any EPS Insulation which does not meet the Minimum R-Value Standard.

B. This Warranty shall not be enforceable, if in the judgement of Insulfoam any of the following shall occur:

- The EPS Insulation is damaged by any natural cause, including but not limited to, lightening, strong wind, hurricane, hail, tornado, or earthquake.
- The EPS Insulation is damaged by any act of negligence, any accident or any intentional or unintentional misuse.
- Metal work or other material not approved by Membrane Manufacturer and Insulfoam participation plant is used in the Roofing System and causes loss of physical properties in the EPS Insulation.
- If, after installation of the Roofing System by the Membrane Manufacturer's Authorized Roofing Applicator, there are any alterations, or repairs made on or through the Roofing System or if anything is placed upon or attached to the Roofing System without first obtaining written authorization from Membrane Manufacturer and Insulfoam participating plant.
- Failure to use reasonable care in maintaining the Roofing System.
- The Owner of the warranted Roofing System fails to comply with any of the obligations stated in this Warranty Agreement.

During the term of this Warranty, Insulfoam or its designated representative shall have free access to inspect the Roofing System during regular business hours.

The owner will be obligated to pay for all roof sample test cuts conducted by the independent laboratory as stated in Section II. If a justifiable claim under the R-Value Warranty is determined by testing, Insulfoam will reimburse owner for the costs of test cuts, as part of the repair or the replacement costs, not exceeding the limits of liability stated in Section I.

Insulfoam shall not be obligated under the terms of this Warranty Agreement until:

- The party contracting for services with the Membrane Manufacturer's Authorized Roofing Applicator has paid in full all invoices and charges for Roofing System installation supplies and services due and owing; and
- The Membrane Manufacturer's Authorized Roofing Applicator has paid in full all invoices and charges for Roofing System material suppliers and Insulfoam.

Originals or copies of invoices and bills showing the cost of the EPS Insulation shall be submitted along with any claims under this Warranty Agreement.

Insulfoam failure at any time to enforce any terms or conditions stated herein shall not be construed to be a waiver of its right to enforce that term or condition.

THERE ARE NO WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THE WARRANTY SET FORTH IN THIS WARRANTY AND INSULFOAM SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL LOSSES OR DAMAGES.

No representative of Insulfoam has the authority to make any representations or promises except as stated in this Warranty Agreement.

By: _____

Title: _____

Date: _____

BUILDING OWNER: _____

Address: _____

Contact: _____

Phone: _____

WARRANTY NUMBER: _____

WARRANTY DATE: _____