

Product Information Bulletin

Advantage ICF System® R-value Warranty

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PLASTI-FAB LTD. ("Plasti-Fab") is committed to providing its customers with superior products backed by quality, service and care. Therefore, Plasti-Fab warrants to the original purchaser, ("Owner") of the Advantage ICF System (the "Product") that if the Product does not perform according to the attached table of material properties ("Appendix A"), the Material Properties Standards (the "Standards"), Plasti-Fab will repair or replace the defective product. Plasti-Fab liability for the life of this Warranty will be limited to the original purchase price of the Product. This Warranty shall commence on the date of delivery and acceptance by the Owner ("Completion Date") and shall end ten (10) years after such date.

Conditions: This Warranty will only take effect if the Product is installed in strict accordance with all applicable Plasti-Fab specifications and only if the Product has been installed by a qualified installer. This Warranty shall be void if, in the judgement of Plasti-Fab, the Product performance has been impaired by either damage or alterations, including any limitations listed in the Standards, which form part of this Warranty.

Exclusions: Plasti-Fab will also not be liable for any product warranty claim resulting from improper installation, abuse, neglect, or accident. Plasti-Fab shall not be responsible for any costs of labour or other costs involved with making the repair, including, without limitation, the cost of freight for shipping, removal, installation, or re-installation of any Products.

Insulation Testing: All sampling shall be conducted in accordance with sampling procedures prescribed by Plasti-Fab. All material property testing shall be conducted on Product in dry condition by a testing laboratory accredited by the Standards Council of Canada as selected by Plasti-Fab. Samples for material property tests will be selected from three separate areas on the installed area, yielding a minimum of three 24" x 24" x 2" samples. The average of the test results will meet product standard requirements.

Owner will be obligated to pay for all sample test cuts conducted by the independent laboratory. If a justifiable claim under the Warranty is determined by testing, Plasti-Fab will reimburse Owner for the cost of test cuts, as part of the repair or the replacement costs, not exceeding the limits of liability.

Plasti-Fab shall not be obligated under the terms of this Warranty Agreement until the Owner has paid in full all invoice and charges for the product supplied and services due and owing. Originals or copies of invoices and bills showing the cost of the Product shall be submitted along with any claims under the Warranty Agreement.

Failure by Plasti-Fab 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. This Warranty shall be governed by the laws of the Province of Alberta, and all related correspondence shall be in English.

THERE ARE NO WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PURPOSE EXTENDING BEYOND THE LIMITATIONS SET FORTH IN THIS WARRANTY AND PLASTI-FAB SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL LOSSES OR DAMAGES.

To obtain performance under this Warranty, Owner must notify Plasti-Fab in writing at Suite 300, 2891 Sunridge Way N.E., Calgary, Alberta T1Y 7K7 within sixty (60) days after Owner becomes or should have become aware of any Product which does not meet the standard. Owner must submit with this notice the date of purchase of the Product, and the date, location and description of the circumstances under which the defect occurred or was first noticed.

APPENDIX A

Advantage ICF System - EPS Thermal Insulation Material Property Standards

Material Property	ASTM Test Method	Units	CAN/ULC-S701.1 ¹	ASTM C578 ²
			Type 2	Type II
Product Density <i>Minimum</i>	C303 or D1622	pcf	NA	1.35
		kg/m ³	NA	22
Thermal Resistance <i>Minimum</i> ³	C518	Ft ² •hr•°F/BTU	4.04	4.0
		m ² •°C/W	0.70	0.70
Water Vapour Permeance ⁴ <i>Maximum</i>	E96	Perm	3.5	3.5
		ng/Pa•s•m ²	200	201
Compressive Stress <i>Minimum @ 10% Deformation</i>	C165 Procedure A	psi	16	15
		kPa	110	104
Flexural Strength <i>Minimum</i>	C203 Procedure B	psi	35	35
		kPa	240	240
Dimensional Stability <i>Maximum</i>	D2126	% Linear Change	1.5	2.0
Water Absorption <i>Maximum</i>	C272	% By volume	4.0	2.0
Limiting Oxygen Index <i>Minimum</i>	D2863	%	24	24

1 CAN/ULC-S701.1:2017, **Standard for Thermal Insulation, Polystyrene Boards.**

2 ASTM C578, **Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.**

3 Minimum values for 1.0 inch (25-mm thickness measured at Mean temperature 24 C (75 F).

4 Maximum values for 25-mm thick samples with natural skins intact. Lower values will result for thicker materials.