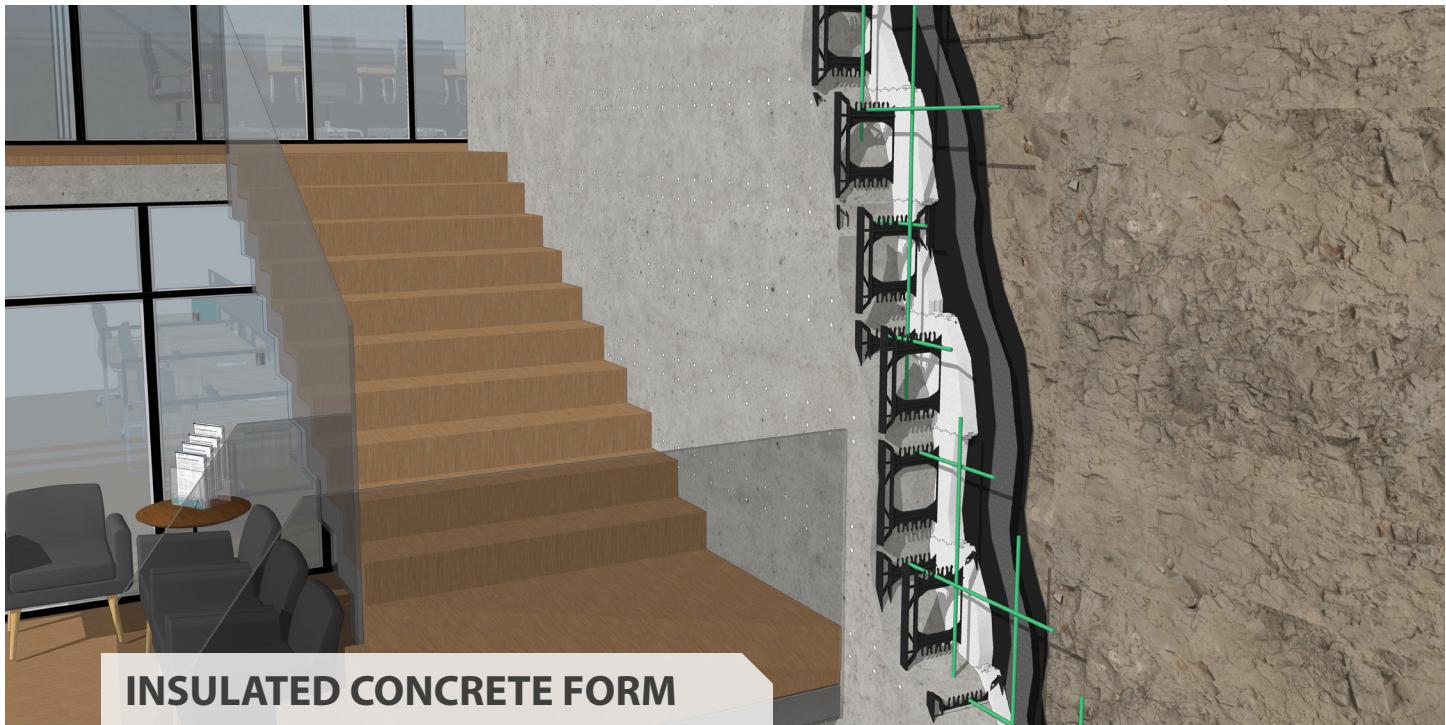


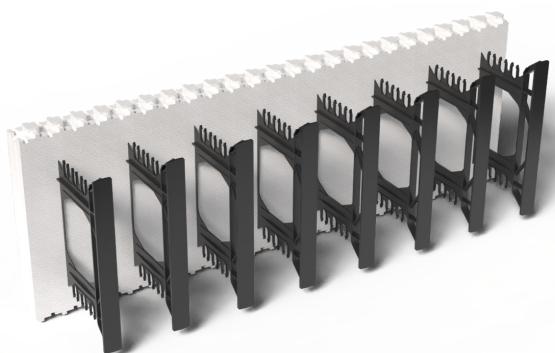
Amvic™ One



INSULATED CONCRETE FORM

Amvic™ One is a one-sided ICF manufactured using Type II/Type 2, closed cell, Expanded Polystyrene (EPS) on one side of the panel with polypropylene webs placed at 6" (152mm) on center for Amvic™ One Standard Block and 8" (203mm) on center for Plus Amvic™ One Plus Blocks.

Amvic™ One allows for an uninterrupted foam-to-concrete interface. When stacked together, an Amvic™ One wall system can be found suitable for commercial and specialty applications, including parging-free above-grade exterior walls, elevator shafts, and facilities with restricted high-heat spaces.



Alleguard Advantage

- Webs have built-in clips which can hold two courses of reinforcing steel, greatly reducing the need for additional tying.
- Amvic™ One blocks able to securely interlock into regular Amvic™ ICF blocks where applicable.
- Withstands internal vibration.
- Manufactured with recycled materials.
- Stable long-term thermal resistance.
- Does not promote the growth of mold and mildew.
- No off-gassing and does not contain HFCs, CFCs, or HCFCs.
- Generates less than 1% construction waste.

Applications

- Below-grade and above-grade walls
- Pools
- Stairwells
- Additions to existing buildings
- Multi-story residential and commercial construction
- Elevator shafts

Amvic™ One Standard Form

Standard forms come with a 2½" (63.5mm) EPS panel and exposed webbing that spans 6" (152mm), 8" (203mm), 10" (254mm), 12" (305mm), and 14" (356mm) from the interior face of the EPS panel. Standard One-Sided forms can stack above Amvic™ Standard 4" (102mm), 6" (152mm), 8" (203mm), 10" (254mm), and 12" (305mm) forms.

**Availability**

Amvic™ One-Sided ICF is available for all available Amvic™ Standard and Plus block sizes. Quantities for unfaced inside corners and/or unfaced outside corners are required, where applicable. Amvic™ One-Sided ICFs are made to order. Please contact your local territory manager for more information.

Amvic™ One Plus Form

Standard forms come with a 3¼" (83mm) EPS panel and exposed webbing that spans 8¾" (222mm) and 10¾" (373mm) from the interior face of the EPS panel. Standard One-Sided forms can stack above Amvic™ Standard 6" (152mm) and 8" (203mm) forms.

**Physical Properties Table** as per ASTM C578 and CAN/ULC S701.1

		Standard Block	Plus Block
Density	ASTM D1622	1.5 lb/ft ³ (24 kg/m ³)	1.5 lb/ft ³ (24 kg/m ³)
Compressive Strength	ASTM D1621	19.80 psi (136.5 kPa)	20.09 psi (138.5.5 kPa)
Flexural Strength	ASTM C203	42.57 psi (293.5 kPa)	50.50 psi (348.2 kPa)
Thermal Resistance ¹	ASTM C518	4.0 F.ft ² .hr/Btu (0.70 m ² K/W)	4.0 F.ft ² .hr/Btu (0.70 m ² K/W)
Water Vapor Permeance ²	ASTM E96	0.66 US perm (38 ng/Pa.s.m ²)	0.69 US perm (39 ng/Pa.s.m ²)
Water Absorption	ASTM C2842	0.93%	0.93%
	ASTM C272	2.95%	2.95%
Dimensional Stability	ASTM D2126	0.52%	0.52%
Limiting Oxygen Index	ASTM D2863	>24.0%	>24.0%
Trueness and Squareness (Maximum)	ASTM C550	Edge: Face: Length and Width:	Edge: Face: Length and Width:
		0.03125 in/ft 0.03125 in/ft 0.06250 in/ft	0.0197 in/ft 0.0197 in/ft 0.0295 in/ft
Surface Burning Characteristics	ASTM E84 CAN/ULC-S102	Flame Spread: Smoke Developed: Flame Spread: Smoke Developed:	Flame Spread: Smoke Developed: Flame Spread: Smoke Developed:
		25 or less 450 or less 250 or less 500 or more	25 or less 450 or less 250 or less 500 or more

¹ Measurement per 1" (25mm) of thickness

² Test result at actual product thickness