

iForm™ Flat Wall Insulating Concrete Forms FACT SHEET



Description:

Universal—no top or bottom; no left or right corners. iForms are constructed with two opposing panels of expanded polystyrene (EPS), held together with polypropylene ties. The flat configuration of the concrete within the forms provides walls that are straight, true, square and plumb. The ties are positioned every 6 inches, and serve as furring strips, top to bottom, recessed 1/2" below the surface of the EPS. The ties allow for rebar to be snapped in place in five different locations within the wall, two deep and with a loose fit that eliminates rebar strain.

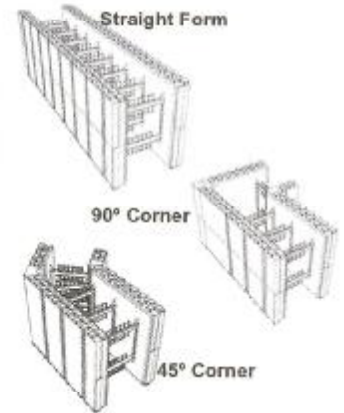
Application:

iForm is designed for use both above and below grade. The majority of all construction today is to the eaves in multi-story use, both commercial and residential.

Specifications:

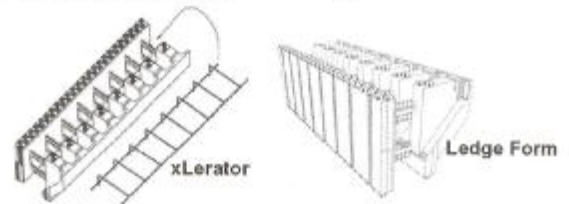
All iForms are 16" high, weigh approximately 5 lbs., and contain ties 6" on center

	9" iForm			11" iForm				13" iForm				15" iForm	
	Straight	90°	45°	Straight	90°	45°	Ledge Form	Straight	90°	45°	Ledge Form	Straight	90°
Length	48"	25"	22"	48"	27"	22"	48"	48"	29"	22"	48"	48"	31"
Return		13"	10"		15"	10"	15.5"		17"	10"	17.5"		19"
Concrete Thickness	4"	4"	4"	6"	6"	6"	6"	8"	8"	8"	8"	10"	10"
Surface Area sq. ft.	5.33	4.22	3.55	5.33	4.67	3.55	5.33	5.33	5.11	3.55	5.33	5.33	5.54
Concrete Vol. 1 yd./# Forms	15.1	25	25.5	10	15.7	16.5	33 corbels	7.5	11	12.2	33 corbels	6	8.3



xLerator™ Rapid Reinforcement

A galvanized welded wire reinforcement piece that simply drops into the pre-formed reinforcement slot in the ledge form to provide maximum strength in every corbel.



Energy Efficiency:

Actual r-value of concrete & iForm: 22
 Effective r-value of concrete, iForm, air infiltration, and thermal mass: 32+
 Air changes per hour -- .04 - .09
 Saves 50-80% on heating and cooling costs

Safety:

Fire Safety—

- Omega Point Laboratory Tests (ASTM E84/ASTM E119)
- Toxicity – 24 Flame Spread – Less than 25 Smoke Development – Less than 450
- When burning, less than half the toxins of burning wood (pine); self-extinguishing
- Fire ratings: 9" = 1 & 2 hrs.; 11" = 3 hrs.; 13" & 15" = 4 hrs.

Storm Safety—

- Withstands winds up to 200 mph Performs well in seismic zones
- Preferred product for safe rooms, basements and storm shelters

Environmental Safety—

- No HCFC's or CFC's emitted during manufacturing process
- No off-gassing, fumes, odors, toxins, or formaldehyde
- Forms are recyclable EPA Energy Star® Partner
- Sound Transmission Class of 57+

Evaluations & Associations

NES.....NER-604
 Note: The NES Report documents compliance to the UBC, SBC, NBC, IBC, IRC and the International One & Two Family Dwelling Code
 Wisconsin.....200246-1 Miami-Dade County.....02-0809.05
 State of NY.....No. 0099 AIA/CES... Registered Provider #J143
 City of NY.....116-03-M ASTM..... E119 & E84
 City of L.A.....RR25418



11 Mosher Drive
 Dartmouth, NS
 B3B 1L8
 Ph. 902-468-5440
 Fax 902-468-4691
 1-800-565-1291

120 Doak Rd.
 Fredericton, NB
 E3B 7J9
 Ph. 506-452-7868
 Fax 506-452-7866
 1-800-565-3626

Email: truefoam@istar.ca
 Website: www.truefoam.com
www.rewardwalls.com

Contact: