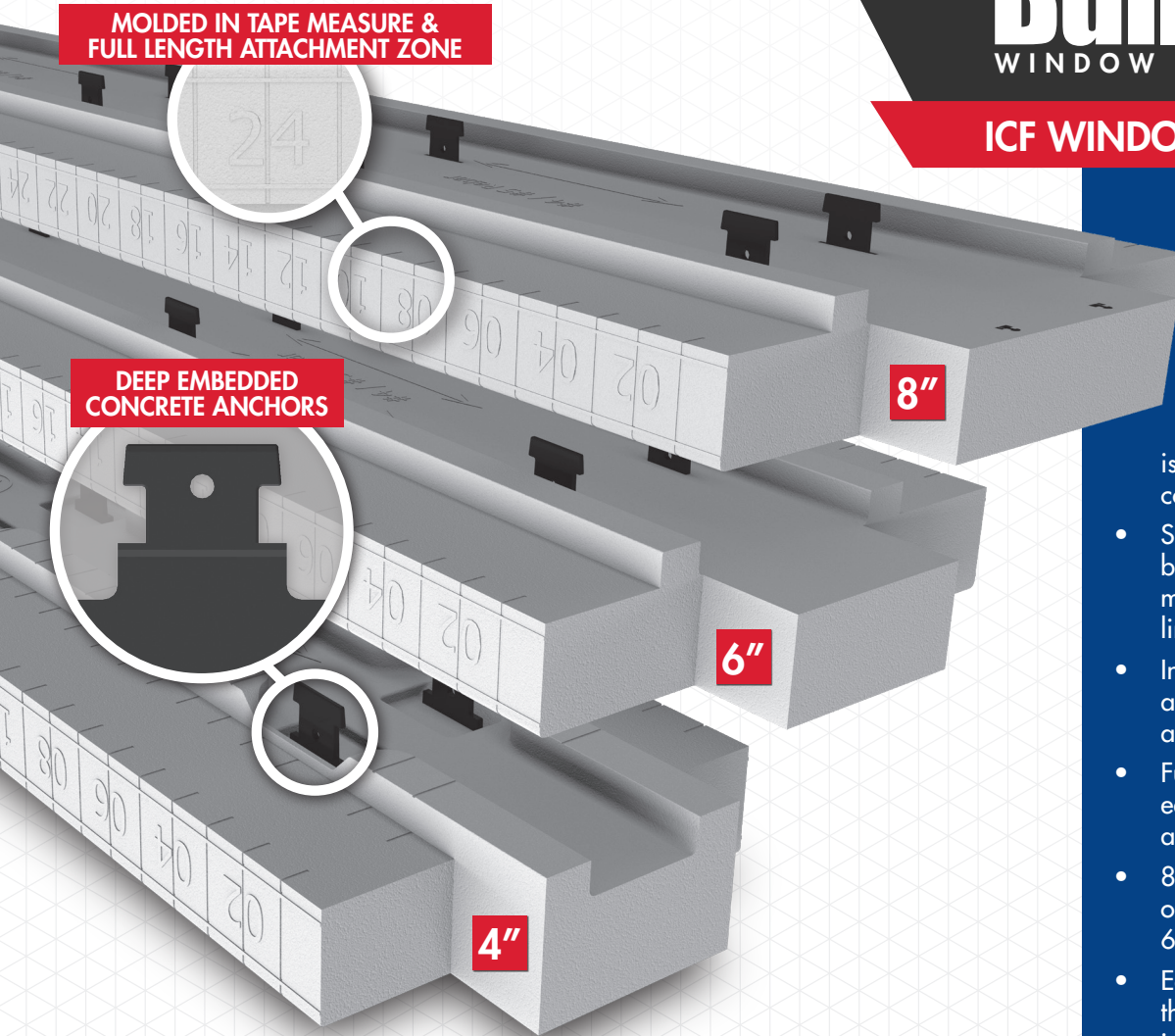


## ICF WINDOW & DOOR BRACING



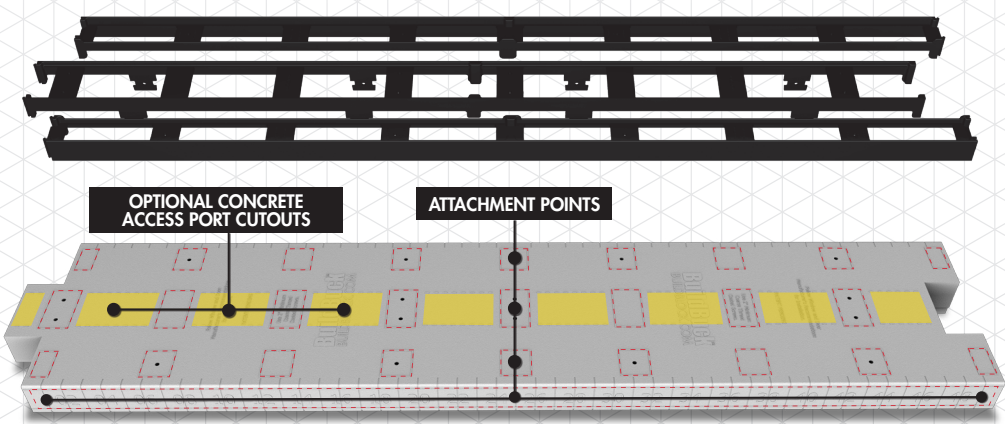
BuildBuck ICF Door & Window Bucking combines the insulating properties of EPS foam with the strength of embedded plastic webs to create a strong seamless transition from ICF walls to door and window openings.

- Strong I-Beam web design is mechanically anchored into concrete and foam.
- Standard BuildBlock labor-saving benefits are included such as molded-in tape measure and cut lines.
- Indicators for attachment points and cut lines for optional concrete access ports are molded-in.
- Full-length attachment points along each side of the buck for easy attachment of finishes.
- 8 attachment zones across the face of the buck spaced evenly every 6-inches.
- Each BuildBuck panel has 8 anchors that mechanically connect the buck into the concrete core.
- BuildBuck is 2" thick and 52" long (48" nominal) creating the longest ICF buck on the market. Easily create a 4040 rough opening without cutting.
- Packaged in small bundles for easy ordering and fits above block bundles on trucks to eliminate most shipping.
- Webs molded 1/2 inch below EPS foam to prevent thermal bridging and create seamless transition from wall to opening.
- BuildBuck is available for all 4-inch, 6-inch & 8-inch forms.

### BUILDBUCK ICF BUCKING DELIVERS SUPERIOR INSULATION FOR WINDOW & DOOR OPENINGS

BuildBuck is the longest buck on the market delivering a true 48" nominal length ICF window & door buck for all 4", 6", and 8" ICFs with 2.5" foam panels. BuildBuck uses the same insulating materials as ICF forms with the highest density in the industry for superior strength. BuildBuck delivers a full 2" thermal break ensuring your wall maintains consistent insulation around door and window openings.

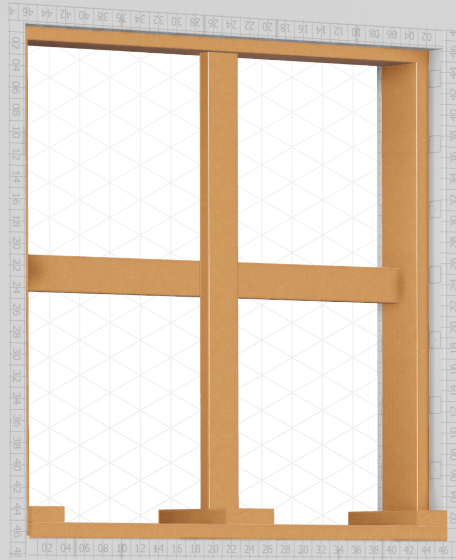
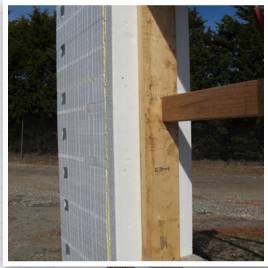
BuildBuck locks together smoothly and doesn't swell, cup, or react to the water in the concrete easily creating a smooth square opening for installation of windows and doors.



# BASIC BUILDBUCK INSTALLATION

Please refer to the full BuildBuck Product & Installation Manual for detailed installation instructions.

1. Determine finished rough opening size and cut bucking with as few cuts as possible. It is generally recommended to size rough opening 3/8-inch larger (width & height) than the actual window size.
2. Create rough opening in ICF wall 4-inches larger than specified to account for the 2-inch BuildBuck thickness on each side.
3. Prepare all buck pieces and cut to the size as necessary based on assembly method. When cutting buck ends recreate tongue and groove factory connection for best performance.
4. Build ICF wall as specified with required reinforcement both horizontal and vertical. Do not forget reinforcement under window sills at this time.
5. Stack blocks to sill height-plus 2-3 courses on each side. The buck may be installed piece by piece beginning with the bottom sill, adding the sides, then the top. If pre-assembling the buck and frame and setting in place, do not stack the sides as tall for safety and ease of installation.
6. Join each buck panel using factory connections or butt them together to buck the full opening. If connecting multiple pieces of buck use factory ends or create a new factory end by cutting the buck. It is not recommended to connect end to end without the interconnection. A small amount of foam adhesive should be used to join buck panels.
7. Cut and remove foam in the buck sill for concrete inspection access ports every 12 inches. Doing this before buck installation prevents debris from falling into the wall cavity.
8. Place buck panels into cut opening beginning with the sill. Add each side and then top if possible. Large openings may require bracing in place before placing top buck panels. When buck is in place, secure with tape, build frame and cross bracing. A small amount of foam adhesive should be used to join buck panels to each other and connect to the ICF blocks.
9. Attachment points on the face of the buck and sides can be used to attach bracing and strapping. Add triangle braces on two opposing corners to ensure buck remains square. Brace as indicated in the diagram.
10. Vertical door and window bracing should remain in place 7-14 days after pouring to ensure concrete curing. If loading headers during framing it is recommended to leave vertical bracing in place. Concrete typically cures completely in 28 days at standard temperature.



## BUILDBUCK ICF WINDOW & DOOR BUCKING SPECIFICATIONS

PRODUCT	LENGTH	NOMINAL LENGTH	WIDTH	THICKNESS	WEIGHT	R-VALUE	AREA	FORMS
BK-400 BuildBuck 9 in	52 in 1320.8 mm	48 in 1219.2 mm	9 in 228.6 mm	2 in 50.8 mm	4 lbs. 1.81 kg	8.4	3.125 ft <sup>2</sup> .3550 m <sup>2</sup>	BB-400   BL-400   GB-400
BK-600 BuildBuck 11 in	52 in 1320.8 mm	48 in 1219.2 mm	11 in 279.4 mm	2 in 50.8 mm	4 lbs. 1.81 kg	8.4	3.82 ft <sup>2</sup> .3550 m <sup>2</sup>	BB-600   BL-600   GB-600
BK-800 BuildBuck 13 in	52 in 1320.8 mm	48 in 1219.2 mm	13 in 330.2 mm	2 in 50.8 mm	4.5 lbs. 2.04 kg	8.4	4.51 ft <sup>2</sup> .4190 m <sup>2</sup>	BB-800   BL-800   GB-800

NOTE: BuildBuck is compatible with all 4", 6" & 8" ICF blocks with 2.5" thick EPS foam panels.

9"  
or  
11"  
or  
13"

52" (48" NOMINAL)



BUILDBLOCK ICF

BUILDLOCK KNOCKDOWN ICF

GLOBALBLOCK ALL FOAM ICF

BUILDDECK

THERMALSSERT

BUILDCRETE

BUILDBUCK

BUILDBRACE

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