SureBuilT
Concrete Forms & Accessories

Window Wells and Accessories

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Standard white finish on inner wall and gray on outer wall. Wells are galvanized beneath the finish to prevent corrosion.

Corrugating and roll-forming the 18-gauge steel material strengthens the well shape and prevents deformation.

Each flange has key-hole slots used to mount the well on a concrete wall or attach to a Window Buck, spaced 4-1/2" on center.

Egress Window Wells

Window Wells allow air, natural sunlight, egress and access to a below-grade living space by acting as a barrier to hold back the surrounding backfill. Each well is made using 18-gauge galvanized steel, corrugated for durability and corrosion resistance. The window-facing wall has a white finish

The top and bottom edges of each well are roll formed in to a fold-over to eliminate sharp edges and support the weight of a person standing on an escape ladder or steel grate. Fasteners are inserted through the pre-punched key-hole slots on both flanges to anchor the well to the concrete foundation.

Standard Egress Window Well heights include 48, 60 and 72 inch tall area wells. Non-egress and custom Window Well sizes and shapes available on request.

Egress Window Wells		
Part No.	**Dimensions***	**Weight**
SBA523648	52" W x 36" P x 48" H	68.0
SBA523660	52" W x 36" P x 60" H	87.0
SBA523672	52" W x 36" P x 72" H	109.0
SBA563648	56" W x 36" P x 48" H	71.0
SBA563660	56" W x 36" P x 60" H	90.0
SBA563672	56" W x 36" P x 72" H	120.0
SBA643648	64" W x 36" P x 48" H	76.0
SBA643660	64" W x 36" P x 60" H	97.0
SBA643672	64" W x 36" P x 72" H	121.0
SBA683648	68" W x 36" P x 48" H	79.0
SBA683660	68" W x 36" P x 60" H	100.0
SBA683672	68" W x 36" P x 72" H	133.0

** Other sizes available. Call for pricing and availability.*

W = Width, **P** = Projection, **H** = Height

HD Egress Ladders

The HD Egress Ladder is designed for emergency situations. The HD Egress Ladder can be used to escape from the basement or as an access option for emergency personnel. The hooked ends of the ladder hang over the rim of the Window Well, supporting the ladder in the well.

IRC code requires ladders in wells deeper than 44”. Standard HD Egress Ladders lengths are 4’, 5’ and 6’.

HD Egress Ladders *		
Part No.	**Type**	**Weight**
SBLAD4RGHD	Ladder HD 4-Rung	11.5
SBLAD5RGHD	Ladder HD 5-Rung	13.5
SBLAD6RGHD	Ladder HD 6-Rung	15.0

** Other sizes available. Call for pricing and availability.*

The HD Egress Ladder has a standard white finish. Other colors available on request, additional charges may apply.

Steel Grates

High quality, Grates keep people and objects from falling into the Egress Window Well. Rebar Grates are made of rolled angle iron steel, and welded steel safety bars.

Premium mesh grates are also available to keep leaves and other debris out of the Window Well.

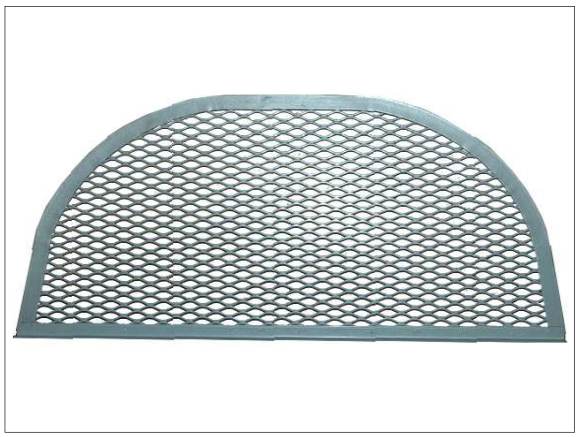
Rebar Grates * (Standard)		
Part No.	**Description**	**Weight**
SBG5236R	Grate w/Rebar 52” x 36”	43.0
SBG5636R	Grate w/Rebar 56” x 36”	47.0
SBG6436R	Grate w/Rebar 64” x 36”	53.0
SBG6836R	Grate w/Rebar 68” x 36”	54.0

** Other sizes available. Call for pricing and availability.*

The rebar-style grate has a standard gray finish. Copper vein or white finish available on request, additional charges may apply.

Mesh Grates * (Premium)		
Part No.	**Description**	**Weight**
SBG5236M	Grate w/Mesh 52” x 36”	43.0
SBG5636M	Grate w/Mesh 56” x 36”	47.0
SBG6436M	Grate w/Mesh 64” x 36”	53.0
SBG6836M	Grate w/Mesh 68” x 36”	54.0

** Other sizes available. Call for pricing and availability.*



The mesh-style grate has a standard gray finish. Copper vein or white finish available on request, additional charges may apply.

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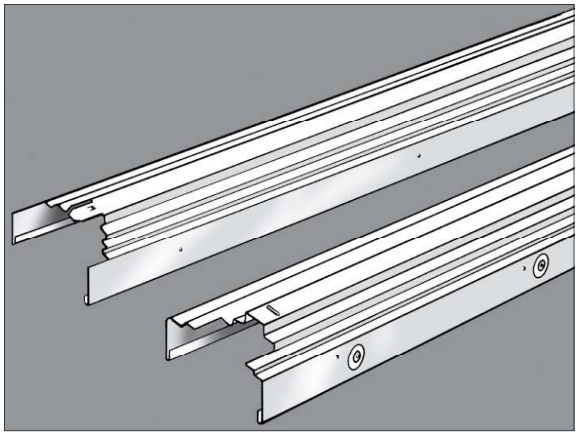
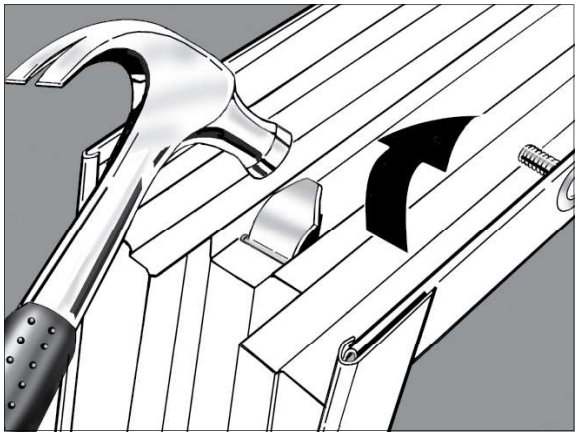
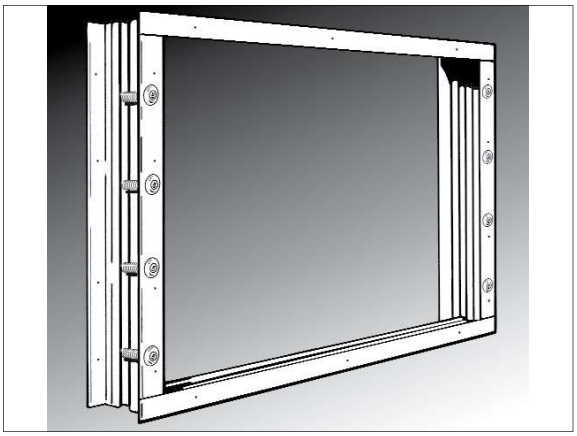


Two heads and two jambs are required for each Window Buck assembly.



Each Window Buck is quickly assembled by inserting Head tabs into the Jamb slots, then bending the tabs over.



The Window Buck assembly is positioned and then braced in the concrete forms. A basement window is installed in the opening created by the buck.

Window Bucks

The Window Buck comes pre-manufactured for easy installation using wood face or aluminum concrete forming systems. Each Window Buck consists of 2 jambs and 2 heads. Each Jamb has 4 built-in form tie slots that are 3 feet on center. The buck is made using 18-gauge galvanized steel, with a white finish to match the Window Well and HD Egress Ladder.

The Window Buck is braced between concrete forms using flat ties before a residential foundation is poured.

Jamb - Window Buck		
Part No.	**Description**	**Weight**
SB218JW	Jamb 2’-1” 8” White	6.7
SB308JW	Jamb 3’-0” 8” White	8.8
SB368JW	Jamb 3’-6” 8” White	9.9
SB408JW	Jamb 4’-0” 8” White	11.2
SB508JW	Jamb 5”-0” 8” White	13.6
SB2110JW	Jamb 2’-1” 10” White	7.5
SB3010JW	Jamb 3’-0” 10” White	9.9
SB3620JW	Jamb 3’-6” 10” White	11.3
SB4010JW	Jamb 4’-0” 10” White	12.6
SB5010JW	Jamb 5’-0” 10” White	15.4

** Two Jambs are needed for each Window Buck assembly.*

Head - Window Buck		
Part No.	**Description**	**Weight**
SB308HW	Head 3’-0” 8” White	8.9
SB408HW	Head 4’-0” 8” White	11.3
SB508HW	Head 5’-0” 8” White	13.7
SB608HW	Head 6’-0” 8” White	16.1
SB3010HW	Head 3’-0” 10” White	9.9
SB4010HW	Head 4’-0” 10” White	12.7
SB5010HW	Head 5’-0” 10” White	15.5
SB6010HW	Head 6’-0” 10” White	18.2

** Two Heads are needed for each Window Buck assembly.*

Building Planning Codes
*2018 IRC Code Section R310 **

R310.1.1
Minimum opening area. All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2).

Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m2).

R310.1.2
Minimum opening height. The minimum net clear opening height shall be 24 inches (610 mm).

R310.1.3
Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).

R310.1.4
Operational constraints. Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys, tools or special knowledge.

R310.2
Window wells. The minimum horizontal area of the window well shall be 9 square feet (0.9 m2), with a minimum horizontal projection and width of 36 inches (914 mm). The area of the window well shall allow the emergency escape and rescue opening to be fully opened.

Exception: The ladder or steps required by Section R310.2.1 shall be permitted to encroach a maximum of 6 inches (152 mm) into the required dimensions of the window well.

R310.2.1
Ladder and steps. Window wells with a vertical depth greater than 44 inches (1118 mm) shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with Sections R311.5 and R311.6. Ladders or rungs shall have an inside width of at least 12 inches (305 mm), shall project at least 3 inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window well.

R310.3
Bulkhead enclosures. Bulkhead enclosures shall provide direct access to the basement. The bulkhead enclosure with the door panels in the fully open position shall provide the minimum net clear opening required by Section R310.1.1. Bulkhead enclosures shall also comply with Section R311.5.8.2.

R310.4
Bars, grilles, covers and screens. Bars, grilles, covers, screens or similar devices are permitted to be placed over emergency escape and rescue openings, bulkhead enclosures, or window wells that serve such openings, provided the minimum net clear opening size complies with Sections R310.1.1 to R310.1.3, and such devices shall be releasable or removable from the inside without the use of a key, tool, special knowledge or force greater than that which is required for normal operation of the escape and rescue opening.

R310.5
Emergency escape windows under decks and porches. Emergency escape windows are allowed to be installed under decks and porches provided the location of the deck allows the emergency escape window to be fully opened and provides a path not less than 36 inches (914 mm) in height to a yard or court.

**** For reference only - confirm specifications, dates and other local building codes that may apply***

Bar Support – Wire slab bolsters and high chairs, with optional epoxy-coat, plastic-dip, plastic-tip or plate, to meet almost any slab requirement.

Bridge Deck – Overhang brackets and hangers provide an efficient deck forming solution for precast concrete or steel I-beam bridge structures.

Coil Ties – 2-Strut and 4-Strut designs, in standard and heavy-duty capacities, with optional cones, waterseals or custom combination, for job-built forming.

Dowels – Plates, sleeves, baskets and joint nosings for high-performance concrete floors.

Euro Rod – 15mm and 20mm taper ties, she-bolts, inner ties, washers and wing nuts compatible with European-brand forming systems.

Metal Rib – Leave-in-place, expanded galvanized mesh to form footings, bulkheads, grade beams, pier caps and blindside walls.

Pipe Braces – Contractor-preferred braces, with rated capacities and lengths ranging from 7'6" to 62'6", for almost any forming application.

Precast – Inserts, anchors, connectors and lifting systems for efficient precast concrete production.

Self-Riser – Integrated hydraulic system for multi-story building cores that virtually eliminates crane time.

Shoring – A conventional 12K load/leg system, with base plates, cross braces, screw jacks and U-heads, for productive deck support.

Snap Ties – Ties and brackets, with ¾" plywood and 2x4 lumber, create a simple and effective plywood forming system.

Staybox – A pre-engineered and pre-assembled rebar keyway that simplifies forming at wall and deck intersections.

Stud Rail – A reinforced column-to-deck connection that reduces shearing, transfers load further into the slab and eliminates column capitals.

SureCurve™ RC – Concrete tanks and curved walls quickly take shape with this flexible gangform system.

SurePly™ – An industry-recognized handset system, with more than 80 standard panel and filler sizes, for almost any forming application.

Tilt-Up – A start-to-finish system of lifting inserts, plates and hardware for tilt-up panel construction.

Walers – Double channel walers align panels, carry taper tie loads and maximize the surface area of almost any gang.

840 South 25th Ave
Bellwood, IL 60104
708-493-9569
www.surebuilt-usa.com

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