



Imagine...

What Bilco can do for your basements



Add value and selling features to your homes with a Bilco Basement Door. Bilco Basement Doors provide code compliant emergency egress in basement living areas and the extra large opening is ideal for access to basement storage rooms.

*America's Finest
Basement Doors*

America's Finest Basement Doors



Benefits

- **Access for Storage...** Direct access to basement areas for large bulky items such as patio furniture, garden tools & equipment, game tables, bicycles, etc.
- **Emergency Egress...** Provides code compliant emergency egress for finished basement living areas, meeting International Residential Building Code (IRC 2009) requirements.
- **Convenient Direct Access...** Easy access for service crews to repair utilities, reducing traffic and damage through upstairs living areas.

Bilco Ultra Series Basement Door

- Corrosion resistant high-density polyethylene construction
- Will not rust and never needs painting
- Simulated wood construction and texture
- Pleasing driftwood color
- Interchangeable side panels allow you light and/or ventilation to your basement areaway
- Gas spring lift assistance for easy, one-hand operation
- Slide-bolted locking mechanism (optional keyed lock available)
- Backed by Bilco's exclusive 10-year warranty



Wood Grain Texture



Bilco Classic Series Basement Door

- Heavy-duty steel construction
- Flow-coated, baked-on factory primer finish
- Corrosion-resistant zinc-plated, chromate-sealed hardware
- Torsion Cam Lift system provides easy, one-handed operation
- Slide-bolted locking mechanism (optional keyed lock available)
- Flanged construction and J-channel header shed water and prevent binding due to ice and snow, permitting all season use

For more information, log-on to www.bilco.com or contact The Bilco Company.

Planning The Basement Areaway

Basement areaways can be constructed by the foundation contractor as part of the foundation or can be supplied as a prefabricated concrete casting from an authorized Bilco dealer. The following is an overview for each of these areaway construction methods.

Site-Built Areaway

Site-built areaways can be constructed at the same time as the house foundation utilizing the same type of footings and construction. Site built areaways require wooden steps to also be built on site. Step construction can be simplified by using Bilco stair stringers.

The table shown will help you determine the size to build the basement areaway. Select areaway location and determine height of grade above the finished basement floor: Find grade height in the first column of the table shown and determine the inside dimensions of areaway foundation, Bilco Door size (extension if required), and Stair Stringers.

Stair Stringer Installation



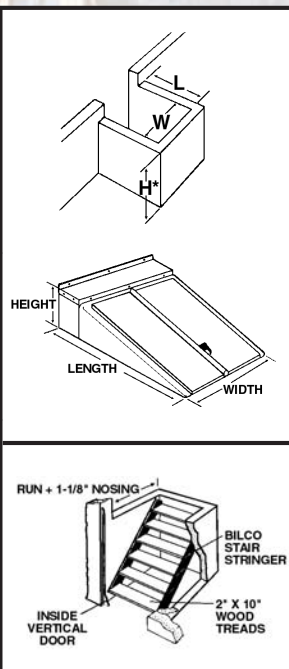
Nail steel Stair Stringers to areaway sidewalls.



Cut wooden treads to required length and slide them into stringer slots.

HEIGHT OF GRADE ABOVE FINISHED BASEMENT FLOOR WILL BE:	AREAWAY DIMENSIONS			STAIR STRINGER SPECIFICATIONS							
	BUILD AREAWAY TO THESE INSIDE DIMENSIONS (See Drawing Above)	USE THIS BILCO DOOR AND EXTENSION	STRINGER UNIT HAS 8-1/4" RISE, 8-3/8" RUN AND 1-1/8" NOSING	USE THESE BILCO STAIR STRINGERS AND EXTENSIONS (Size E Extension has 3-Tread Run)	H*	L	W	Door Size	Extension Size	Run+ in Areaway	Treads in Areaway
24" to 31" ‡	33"	40"	44"	SL	None	26-1/4"	3	(Not Available)			
32" to 39"	41-1/4"	40"	44"	SL	None	34-5/8"	4	SL			
➔ 40" to 47" (See Note)	49-1/2"	40"	44"	SL	None	34-5/8"	4	SL			
48" to 55" ††	57-3/4"	54"	40"	O	None	51-3/8"	6	O			
56" to 64" ††	66"	60"	44"	B	None	59-3/4"	7	B			
65" to 72"	74-1/4"	68"	48"	C	None	68-1/8"	8	C			
➔ 73" to 80" (See Note)	82-1/2"	68"	48"	C	None	68-1/8"	8	C			
73" to 80"	82-1/2"	80"	48"	C	12"	76-1/2"	9	O+E			
➔ 81" to 88" (See Note)	90-3/4"	80"	48"	C	12"	76-1/2"	9	O+E			
81" to 88"	90-3/4"	86"	48"	C	18"	84-7/8"	10	B+E			
➔ 89" to 97" (See Note)	99"	86"	48"	C	18"	84-7/8"	10	B+E			
89" to 97"	99"	93"	48"	C	24"	93-1/4"	11	C+E			
98" to 106"	107-1/4"	104"	48"	C	24"+12"	101-5/8"	12	C+SL			
107" to 115"	115-1/2"	110"	48"	C	24"+18"	110"	13	O+B			
116" to 123"	123-3/4"	116"	48"	C	(2)24"	118-3/8"	14	B+B			
124" to 131"	132"	134"	48"	C	(2)24"+18"	126-3/4"	15	C+B			
132" to 139"	140-1/4"	140"	48"	C	(3)24"	135-1/8"	16	C+C			
140" to 148"	148-1/2"	146"	48"	C	(3)24"+6"	143-1/2"	17	B+B+E			
149" to 156"	156-3/4"	158"	48"	C	(3)24"+18"	151-7/8"	18	C+B+E			
157" to 164"	165"	164"	48"	C	(4)24"	160-1/4"	19	C+C+E			
165" to 172"	173-1/4"	176"	48"	C	(4)24"+12"	168-5/8"	20	C+C+SL			

*Above Finished Basement Floor † Maximum House Wall 85" †† Maximum House Wall 88" + Run plus 1-1/8" Nosing on Bottom Tread



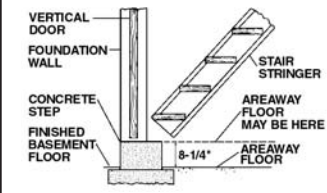
*** BILCO DOOR EXTENSIONS:** Available for Size C Door (only), these extensions increase the length to fill longer areaways. Horizontal top and two sidepieces are easily assembled and installed. Furnished in four sizes: 6", 12", 18" and 24". Complete with instructions and required hardware.

MULTIPLE EXTENSIONS: Two or more extensions can be mounted back to back. Caulk between each extension, and caulk or flash the joint against the house.

STAIR STRINGER EXTENSION—SIZE E: Three-tread extension butts to bottom of standard stringer unit. Used with any size (O, B or C) Stair Stringer. Complete with hardware.

NOTE: For basements more than 91" deep (finished floor to top of foundation wall) building a bottom step within the foundation wall opening (see drawing below) is recommended. The concrete step should extend 6" into stairwell.

CAUTION: Suggested construction allows minimum of 74" headroom. This is the recommended minimum.

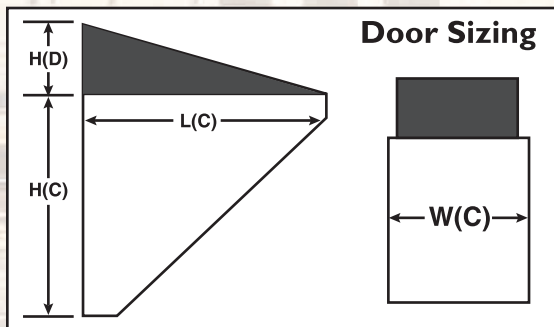


Pre-Fabricated Areaway PermEntry® - The Complete Basement Entrance

Available through a network of specially trained and authorized dealers, the PermEntry basement access system consists of a precast concrete stairwell topped with a Bilco Basement Door—delivered and installed on-site in just a few hours.

Available in seven standard configurations, the durable PermEntry access system includes the following features:

- Bilco Basement Door
- One piece precast concrete areaway construction
- Concrete thoroughly vibrated for maximum density
- Watertight areaway foundation seal
- Professional installation by an authorized dealer



FOOTING TO GRADE	PE SIZE	CASTING (C)			DOOR (D) HEIGHT
		HEIGHT	LENGTH	WIDTH	
35" – 41"	S	43"	45"	51 1/2"	52"
52" – 58"	O	60"	60"	51 1/2"	30"
59" – 66"	B	68"	66"	55 1/2"	22"
67" – 74"	C	76"	74"	55 1/2"	19 1/2"
75" – 82"	D	84"	86"	55 1/2"	22"
83" – 91"	E	92 3/4"	95 3/8"	58"	22"
92" – 99"	F	101"	104"	58"	22"

Classic Series Specifications

Bulkhead door to basement shall be Bilco Size ___ (and size of extension, if required) with Size ___ Bilco Stair Stringers (and size E extension, if required). Door and Stringers shall be packaged assemblies available from lumber and building supply dealers. Basement door assembly shall be constructed of .090 - .100 thickness steel with Torsion Cam Lift System. Basement Door (and extension if specified) shall have flow-coated and baked-on factory prime finish and shall be furnished complete with hardware assembly bolts and anchors for securing to masonry. Stringers shall be 14 gauge galvanized steel and manufacturer shall provide nails for securing to masonry walls. Installation shall be in accordance with manufacturer's instructions. Painting contractor shall apply finish coat of _____ (color) alkyd outdoor enamel to all interior and exterior surfaces after installation.

Ultra Series Specifications

Bulkhead door to basement shall be Bilco Ultra Series size C [and 6" (15.24 cm) or 12" (30.5 cm) extension, if required]. Door panels shall be constructed of high-density polyethylene and have a wood design and texture molded into the panels. Hardware shall have a polyester powder coated finish and all fasteners shall be zinc-plated and chromate sealed for corrosion resistance. Basement door sill strip shall be constructed of extruded aluminum and an EPDM rubber header gasket shall be supplied for weathertightness. Door panels shall be equipped with gas spring lift assistance for easy, one-hand operation and a slide bolt locking mechanism for areaway security. Manufacturer shall supply a ten-year warranty against defects in material and workmanship. Installation shall be in accordance with manufacturer's instructions.

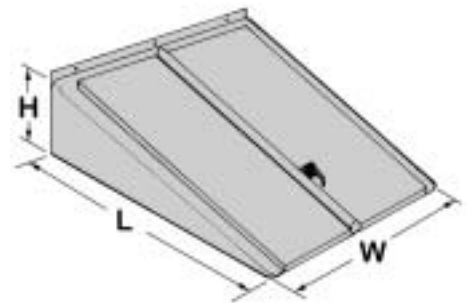
Optional Keyed Lock Kit

Add the convenience of keyed basement entry. Easy to install on all Bilco basement doors.



Classic Series Steel Sided Basement Door

Model	Model	Length	Length with Extension Panel				Height
			Ext 6"	Ext 12"	Ext 18"	Ext 24"	
Size O	47"	58"	X	X	X	X	30"
Size B	51"	64"	X	X	X	X	22"
Size C	55" ①	72"	78"	84"	90"	96" ②	19-1/2"
Size SL	51"	43-1/4"	X	X	X	X	52"



Ultra Series Basement Door

Model	Model	Length	Length with Extension Panel				Height
			Ext 6"	Ext 12"	Ext 18"	Ext 24"	
Size C	55" ①	72"	78"	84" ②	X	X	19-1/2"

① Bilco foundation plates can be used to reduce the inside width of areaways wider than 55"

② Two or more extensions can be mounted together for areaway lengths greater than 96"

Other Bilco Residential Products



Egress Window Well Systems

Add natural light and ventilation to basement areas, making them feel as warm and comfortable as any room in the home. See Sweets file HBR 10 74 46/BIL or log-on to www.bilco.com for more information



Sloped Wall Basement Doors

The Bilco Classic Series sloped wall door is designed as a replacement door for older homes with sloped masonry sidewalls of brick, stone, block or poured concrete. Log-on to www.bilco.com for more information on this product.



P.O. Box 1203 • New Haven, CT 06505
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