Bilco®

PermEntry®

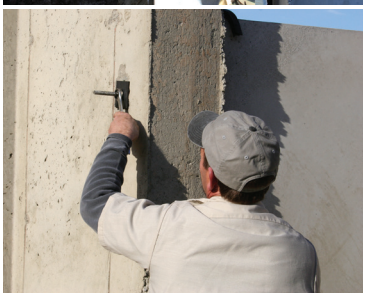
☐ The Complete
Basement Entrance

INNOVATIVE ACCESS SOLUTIONS, LONG-LASTING PERFORMANCE.

A Part of Something Bigger℠

Quanex

The PermEntry Basement Entrance adds sales appeal and value to any home by providing convenient, direct access to basement areas. The product consists of a precast concrete stairwell and BILCO basement door that is delivered and installed on your foundation by a BILCO dealer.



PermEntry Benefits

- Adds building code compliant emergency egress.
- Provides direct access to mechanical equipment, reducing traffic and damage to the main level of the home.
- Allows large furniture, bulky appliances and patio furniture to be easily moved into basement areas.
- Creates additional living space and saleable square footage.
- The PermEntry system works well on any new or existing concrete foundation.

The complete installation of the precast stairwell and door is typically done in under two hours

- Holes for the special high-strength bolts are drilled through foundation.
- Facing surfaces are coated with self-sealing butyl resin strip sealant for a watertight seal. The PermEntry precast stairwell is then lowered into position onto the foundation footing.
- Precast stairwell is secured prior to backfill through foundation wall using built-in steel anchors. On a block or precast foundation, a permanent steel support is installed on a concrete slab underneath the precast unit.
- The BILCO door is anchored to the precast stairwell and caulked. The area is then backfilled and landscaped.

Advantages and Features

Concrete Stairwell

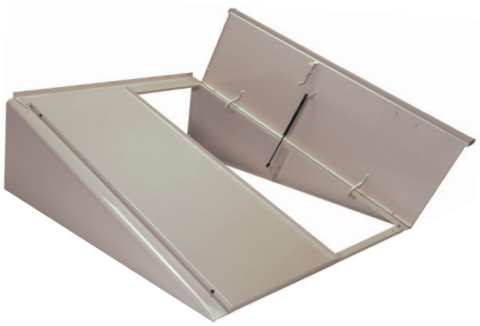
- Precast in one piece.
- Thoroughly vibrated for maximum density.
- Manufactured to rigid specifications for controlled high quality.
- A performance-proven product.
- Can be installed on poured concrete and concrete block foundations.
- Thousands installed since 1960.
- Satisfies IRC 2015 Building Code requirements for emergency egress in finished basements.

BILCO Basement Door

- Rugged heavy gauge steel construction (Also available in no maintenance polyethylene construction).
- Neat and trim appearance.
- Lift assistance for ease of operation.
- Flanged, weather resistant construction.
- Slide bolt locking mechanism (Optional keyed lock kit available).

BILCO Basement Door Models

Classic Series - Primer Finish



Classic Series - Powder Coat Finish

Ultra Series - Polyethylene

Powder Coat Finish Colors

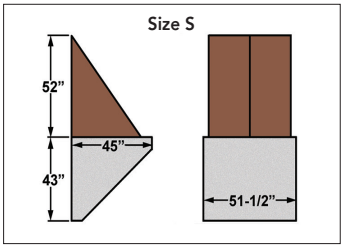
BILCO Classic Series steel basement doors are now offered with a factory-applied polyester powder coat finish. The polyester resin provides a durable,weather-resistant coating. Cured at higher temperatures than most wet coatings, the result is a tougher and chip-resistant coating, providing both a decorative and protective finish.

White | Gray | Sandstone | Brick | Green | Black

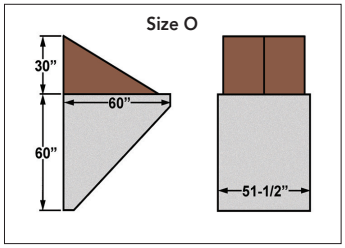
Powder coated basement doors can be ordered with a keyed lock kit. This option allows you to conveniently lock and unlock the basement door from the outside.

Pre-Installation Requirements:

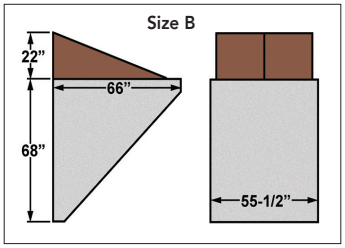
1. Provide truck access to within 10' of the center of the PermEntry unit.
2. Foundation footing and opening should be LEVEL, PLUMB and SQUARE.
3. Width of opening in foundation wall should be 40" maximum for all sizes.
4. Ensure proper soil drainage at base of unit. A footing drain to daylight is recommended.
5. When foundation is backfilled, leave minimum work area for PermEntry installation as shown.
6. Basement floor or equivalent slab should be poured in the concrete wall.
7. Hold foundation tar coating back minimum 12" each side of opening.



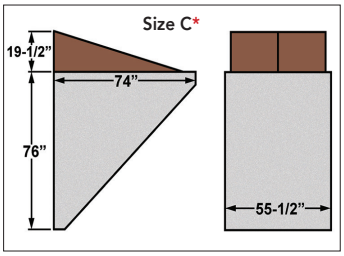
Size SL Basement Door



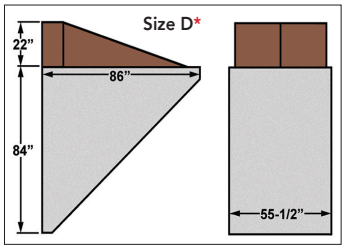
Size O Basement Door



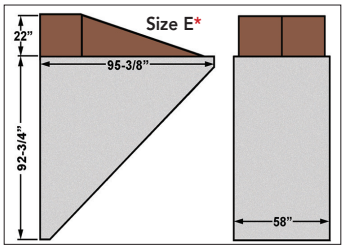
Size B Basement Door



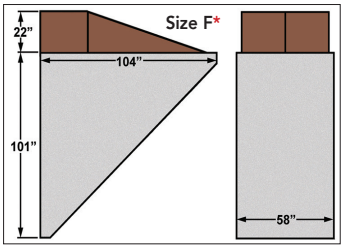
Size C Basement Door



Size C Basement Door with 12" Extension



Size C Basement Door with 24" Extension



Size C Basement Door with 30" Extension

PermEntry Size	Footing to Grade
S	35" – 41"
O	52" – 58"
B	59" – 66"
C*	67" – 74"
D*	75" – 82"
E*	83" – 91"
F*	92" – 99"

** Optional Ultra Series Door available for sizes C, D, E and F only.*

How to Measure:

1. Determine the measurement from the finished grade to the foundation footing.
2. Refer to table and details above to select the proper size. Top of casting should be a minimum of 2" above finished grade.
3. Double check your pre-installation requirements and check site to determine that there is proper truck access to and from the PermEntry installation site.

North America Sales

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