

Build-A-Box™

Modular Aluminum Trench Shielding System

EFFICIENCY
PRODUCTION
America's Trench Box Builder™

Purpose:

The Build-A-Box™ Modular Aluminum Trench Shield System can be assembled in minutes to a wide variety of two, three, or four-sided configurations. This flexibility enables work crews to make on-the-spot design changes to meet job requirements in conditions ranging from light to extreme. Most systems are easily transported in a pick-up truck or trailer for quick application.

Common Applications:

- Sewer & Water Valves
- Hydrants & Taps
- Spot Repairs
- Gas and Electric Utility

Features:

- Pick-up truck transportable
- Can be hand-assembled in minutes
- Narrow, smooth aluminum sidewalls reduce dirt build-up
- **8 in. foam-filled extrusions limit added weight if sidewall punctured**
- Tongue and groove design
- Stackable with XLAP™ Aluminum Trench Shield
- Lifting Lugs
- Professional Engineer design and depth certification

Options:

- T-connection cut-outs
- Sheeting Guide Frame
- Sectional or Full Length corner posts
- 3-Way T-Posts

Spreader Options:

- Telescoping Adjustable Spreaders
- Height Adapter/Spreader Arches



2-Sided Build-A-Box



3-Sided Build-A-Box



4-Sided Build-A-Box



Build-A-Box Octagon Box

Build-A-Box™

Modular Aluminum Trench Shielding System

Build-A-Box Modular Trench Shield - Two-Sided Shields

Panel Selection Chart			Shield Cap. (PSF)	Depth of Cut (ft) - Soil Type		
Model (ft.)	Item	Weight (Lbs.)		B	C-60	C-80
BAB-2X2	7529	34	2,400	53	40	30
BAB-2X3	7530	46	2,400	53	40	30
BAB-2X4	7531	60	2,400	53	40	30
BAB-2X5	7532	71	2,400	53	40	30
BAB-2X6	7533	84	2,400	53	40	30
BAB-2X7	7534	99	1,740	39	29	22
BAB-2X8	7535	110	1,440	32	24	18
BAB-2X10	7536	138	960	21	16	12
BAB-2X12	7537	165	780	17	13	10
BAB-2X14	7538	190	600	13	10	8
BAB-2X16	7539	210	480	11	8	6

Corner End Posts

Model	Length (In.)	Item	Length (In.)	Weight (Lbs.)
BAB-C2-2	24	7520	24	18
BAB-C2-4	48	7521	48	36
BAB-C2-6	72	7522	72	62.4
BAB-C2-8	96	7523	96	86
BAB-C2-10	120	7524	120	108
BAB-C2-12	144	7545	144	100

Corner End Posts

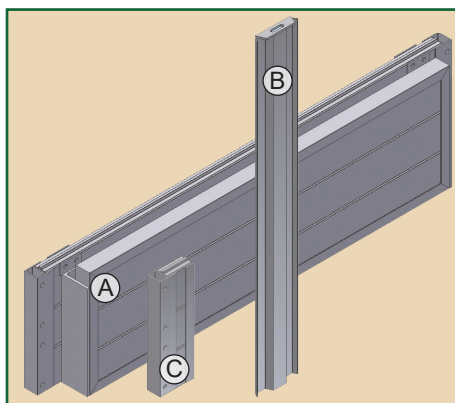
Model	Length (In.)	Item	Length (In.)	Weight (Lbs.)
BAB-C3-2	24	7525	24	24
BAB-C3-4	48	7526	48	49
BAB-C3-6	72	7527	72	70
BAB-C3-8	96	7528	96	91
BAB-C3-10	120	7546	120	116

A BAB Sheeting Guide Frames

Model	Length (In.)	Weight (Lbs.)
BBAC-GF-4	48	118
BBAC-GF-6	72	166
BBAC-GF-8	96	215
BBAC-GF-10	120	300
BBAC-GF-12	144	385

B Aluminum Sheets (with push caps)

Model	Length (In.)	Weight (Lbs.)
BBAC-GF-SHEET-6	72	30
BBAC-GF-SHEET-8	96	35
C FILLER PANEL	8	35



4-Way Connection Posts

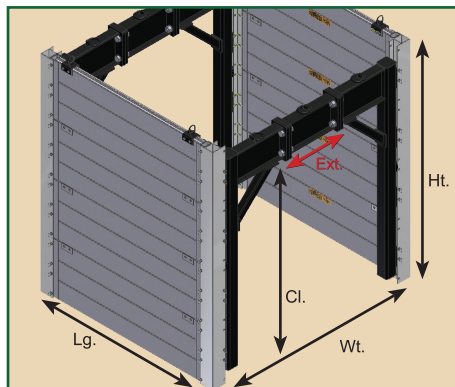
Model	Length (In.)	Weight (Lbs.)
BBC4-24	24	35
BBC4-48	48	70
BBC4-72	72	104
BBC4-96	96	139
BBC4-120	120	174
BBC4-144	144	209

Spreaders Single Adj. Square Tube

Model	Length (In.)	Weight (Lbs.)
XL-2436-1	7514	35
XL-3660-1	7515	47
XL-4872-1	7516	61
XL-6096-1	7570	76
XL-72120-1	7518	110
XL-84144-1	7519	132

Arch Spreaders and Extensions

Model	Description	Weight (Lbs.)	Depth of Cut (ft) C-60 - Soil Type
BBAC-ARCH 64	72" (high) x 48"	620	14
BBAC-EXT24	24" Horiz. Extensions	110	14
BBAC-EXT36	36" Horiz. Extensions	140	14
BBAC-EXT48	48" Horiz. Extensions	170	14
BBAC-EXT60	60" Horiz. Extensions	200	14
BBAC-EXT72	72" Horiz. Extensions	230	14
BBAC-EXT84	84" Horiz. Extensions	260	14



Build-A-Box with Spreader Arch

Accessories

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Height Adapter/Spreader Arch



Aluminum Sheets

Sheets 6 and 8 ft. lengths



Sheeting Guide Frame

Guard Rail

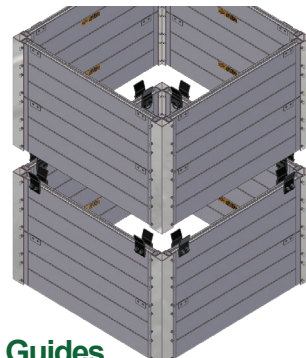
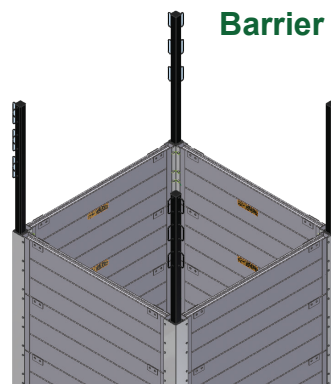
4, 6, 10 ft. lengths



Guard Rail Adpt

Ladder Bracket

Barrier Posts



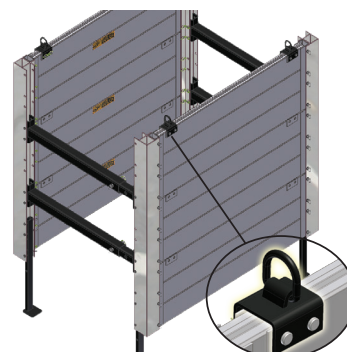
Stacking Guides

Wheel Kit



Adjustable Legs

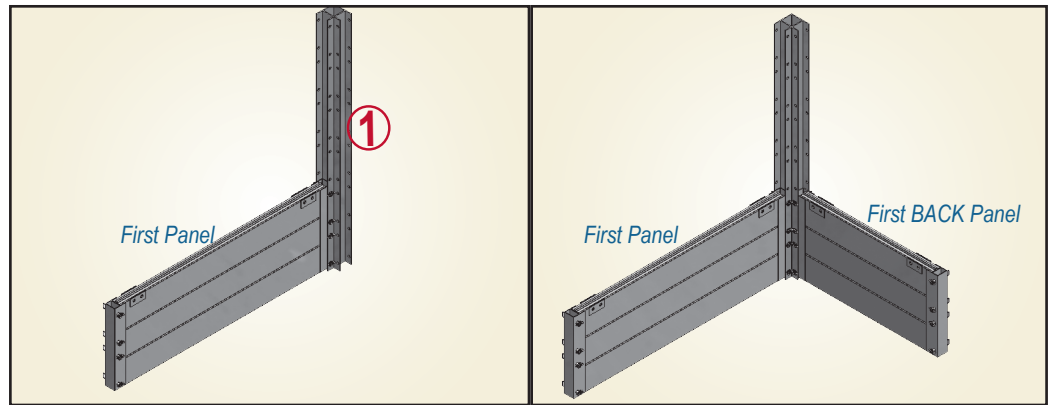
Lifting Lug



Assembly

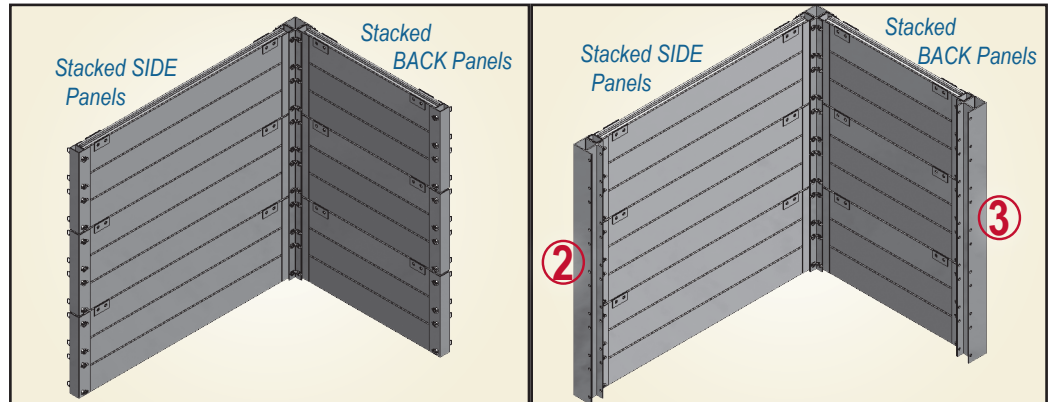
Step 1

Attach 1st corner post to first panel and secure with pins and keepers.*
Set the BACK panel for 3 or 4-sided system and secure with pins and keepers.*



Step 2

Stack the SIDE and BACK panels to desired height before installing the 2nd and 3rd corner posts. Secure with pins and keepers.*



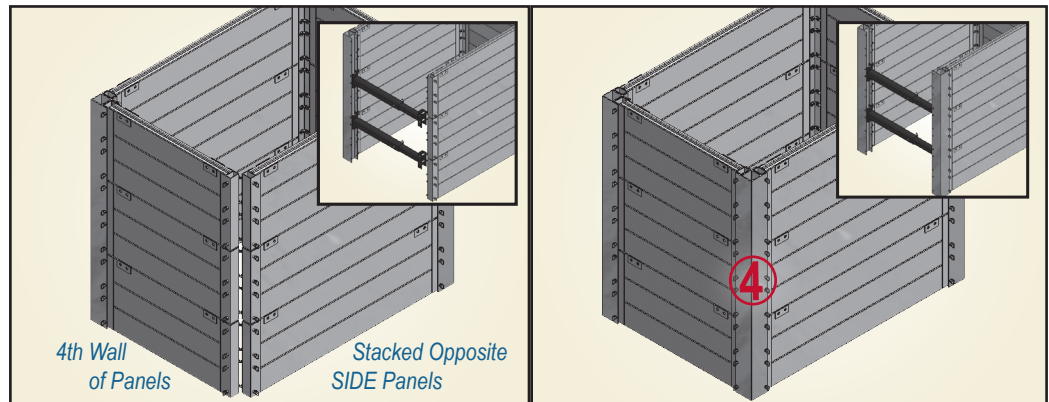
Step 3

Stack opposite SIDE panels to desired height, then add either a 4th wall of panels for a 4-sided system; or a set of at least two spreaders for a 3-sided system.

Step 4

The 4th corner post can then be slid into place. Secure with pins and keepers.*

Note: A pry-bar may be needed to align posts with holes.



* Always install pins with handle on the outside.

For **Disassembly**: Do above steps in reverse order. Remove pins & keeps one at a time from one spreader, post, or panel. DO NOT REMOVE ALL PINS AND KEEPERS AT ONE TIME.

NOTES

1. Assemble on level ground.
2. Lift with factory supplied lift eyes.
3. System must be used in accordance to manufactures tabulated data.
4. Bottom panel may be omitted, allowing 2 feet open clearance, only if there is no possible loss of soil from behind or below the bottom of the shield.

[ASSEMBLY VIDEO](#)



[DISASSEMBLY VIDEO](#)



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