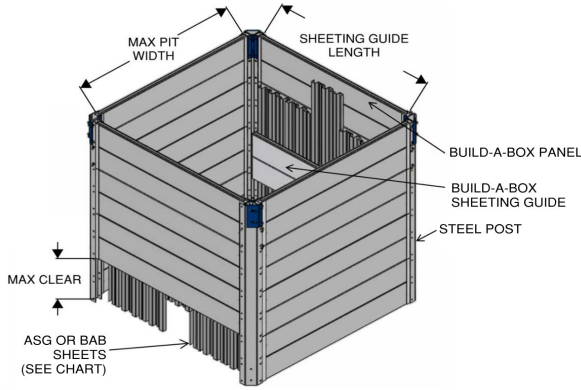


BUILD-A-BOX SHEETING GUIDE TAB DATA - STEEL POST



4837 W Grand River Ave - Lansing, MI
(800) 292-1225

Refer to ARCOSA "Tabulated Data Build-A-Box System", dated 8/19 for additional notes and restrictions, which apply as if noted here. If conflicting guidelines are observed between this data sheet and that document, the stricter of the two shall always apply.



Post Type	Sheet Pile Type	Sheeting Guide Length	Max Pit Width	Max Clear	Pressure Capacity	Max Depth Rating		
						B-45	C-60	C-80
Steel	ASG	10'	12'	2'	540 psf	15'	12'	10'
				3'	540 psf	15'	12'	10'
				4'	360 psf	11'	9'	8'
			10'	2'	840 psf	22'	17'	14'
				3'	720 psf	19'	15'	12'
				4'	420 psf	12'	10'	8'
		8' or Less	2'	840 psf	22'	17'	14'	
			3'	720 psf	19'	15'	12'	
			4'	420 psf	12'	10'	8'	
		8' or Less	12'	2'	540 psf	15'	12'	10'
				3'	540 psf	15'	12'	10'
				4'	360 psf	11'	9'	8'
	10'		2'	840 psf	22'	17'	14'	
			3'	720 psf	19'	15'	12'	
			4'	420 psf	12'	10'	8'	
	8' or Less	8' or Less	2'	1320 psf	32'	25'	20'	
			3'	720 psf	19'	15'	12'	
			4'	420 psf	12'	10'	8'	
		12'	2'	540 psf	15'	12'	10'	
			3'	480 psf	14'	11'	9'	
			4'	240 psf	8'	7'	6'	
	Build-A-Box	10'	12'	2'	840 psf	22'	17'	14'
				3'	480 psf	14'	11'	9'
				4'	240 psf	8'	7'	6'
8' or Less			2'	840 psf	22'	17'	14'	
			3'	480 psf	14'	11'	9'	
			4'	240 psf	8'	7'	6'	
8' or Less		12'	2'	540 psf	15'	12'	10'	
			3'	480 psf	14'	11'	9'	
			4'	240 psf	8'	7'	6'	
		10'	2'	840 psf	22'	17'	14'	
			3'	480 psf	14'	11'	9'	
			4'	240 psf	8'	7'	6'	
8' or Less	2'	840 psf	22'	17'	14'			
	3'	480 psf	14'	11'	9'			
	4'	240 psf	8'	7'	6'			

NOTES & LIMITATIONS:

- 1) Excavation 2' below bottom of shoring is only permitted when there is no indication of possible loss of soil from behind or below the bottom of the shoring and/or sheets.
- 2) User is responsible for safe support of shoring to ensure it cannot shift vertically or horizontally at any time.
- 3) Shield must be used in compliance with all applicable OSHA guidelines & limitations outlined in this document.
- 4) This document has been prepared by a P.E., as required by OSHA 29 CRF, Part 1926, Subpart P.
- 5) Shield shall be used under the supervision and direction of a Competent Person as defined by CRF, Part 1926, Subpart P. Among other qualifications, the Competent Person shall be trained in the use of shields and have practical field experience with the use of shields, soil classification, and recognizing hazardous conditions.
- 6) Shield shall be installed in a manner to restrict lateral or other hazardous movement of the shield in the event of the application of sudden lateral loads.
- 7) Shield to be inspected prior to use, to ensure they are in good condition, free of any damage or visual defects.
- 8) Any repairs or modifications to the shield, such as extending height or length with plates, are strictly prohibited, unless approved in writing by a P.E.
- 9) Pressure rating of shield is a uniform rectangular pressure over full height of shield.
- 10) All equipment and materials shall be kept a sufficient distance clear of the shoring, as directed by a Professional Engineer, to ensure this surcharge limit is not exceeded.

33% Shoring Use Factor Included in Max Depth Ratings:	Yes
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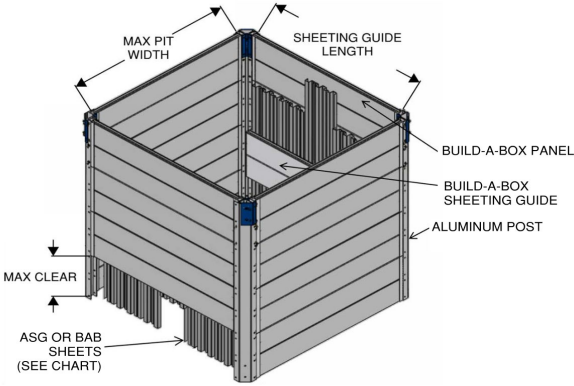
Surcharge Pressure Included in Depth Ratings (See note #10):	0 psf
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Soil shall be classified by a Competent Person as type A, B or C, as defined by OSHA regulations, except as noted below:

- 1) A type C-60 soil is defined as a clay or moist granular soil that is not flowing or submerged. This soil can be cut vertically and will stand long enough to safely install protective system.
- 2) If the soil is submerged or has freely seeping water, it shall be classified as a C-80 soil.
- 3) Shielding shall never be used in soft clays, organic peat or other flowing materials.

WARNING - USE OF SHIELDING OTHER THAN OUTLINED IN THIS DOCUMENT COULD CAUSE FAILURE, COLLAPSE, OR CAVE-INS, AND MAY RESULT IN SERIOUS INJURY OR DEATH

BUILD-A-BOX SHEETING GUIDE TAB DATA - ALUM POST



4837 W Grand River Ave - Lansing, MI
(800) 292-1225

Refer to ARCOSA "Tabulated Data Build-A-Box System", dated 8/19 for additional notes and restrictions, which apply as if noted here. If conflicting guidelines are observed between this data sheet and that document, the stricter of the two shall always apply.



Post Type	Sheet Pile Type	Sheeting Guide Length	Max Pit Width	Max Clear	Pressure Capacity	Max Depth Rating					
						B-45	C-60	C-80			
Aluminum	ASG	10'	12'	2'	540 psf	15'	12'	10'			
				3'	540 psf	15'	12'	10'			
				4'	240 psf	8'	7'	6'			
			10'	2'	840 psf	22'	17'	14'			
				3'	660 psf	18'	14'	11'			
				4'	360 psf	11'	9'	8'			
		8' or Less	2'	840 psf	22'	17'	14'				
			3'	720 psf	19'	15'	12'				
			4'	420 psf	12'	10'	8'				
		8' or Less	12'	2'	540 psf	15'	12'	10'			
				3'	540 psf	15'	12'	10'			
				4'	240 psf	8'	7'	6'			
			10'	2'	840 psf	22'	17'	14'			
				3'	660 psf	18'	14'	11'			
				4'	360 psf	11'	9'	8'			
			8' or Less	2'	1320 psf	32'	25'	20'			
				3'	720 psf	19'	15'	12'			
				4'	420 psf	12'	10'	8'			
			Aluminum	Build-A-Box	10'	12'	2'	540 psf	15'	12'	10'
							3'	480 psf	14'	11'	9'
							4'	240 psf	8'	7'	6'
		10'				2'	840 psf	22'	17'	14'	
						3'	480 psf	14'	11'	9'	
						4'	240 psf	8'	7'	6'	
8' or Less	2'	840 psf			22'	17'	14'				
	3'	480 psf			14'	11'	9'				
	4'	240 psf			8'	7'	6'				
8' or Less	12'	2'			540 psf	15'	12'	10'			
		3'			480 psf	14'	11'	9'			
		4'			240 psf	8'	7'	6'			
	10'	2'			840 psf	22'	17'	14'			
		3'			480 psf	14'	11'	9'			
		4'			240 psf	8'	7'	6'			
	8' or Less	2'			840 psf	22'	17'	14'			
		3'			480 psf	14'	11'	9'			
		4'			240 psf	8'	7'	6'			

NOTES & LIMITATIONS:

- 1) Excavation 2' below bottom of shoring is only permitted when there is no indication of possible loss of soil from behind or below the bottom of the shoring and/or sheets.
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- 7) Shield to be inspected prior to use, to ensure they are in good condition, free of any damage or visual defects.
- 8) Any repairs or modifications to the shield, such as extending height or length with plates, are strictly prohibited, unless approved in writing by a P.E.
- 9) Pressure rating of shield is a uniform rectangular pressure over full height of shield.
- 10) All equipment and materials shall be kept a sufficient distance clear of the shoring, as directed by a Professional Engineer, to ensure this surcharge limit is not exceeded.

33% Shoring Use Factor Included in Max Depth Ratings:	Yes
Surcharge Pressure Included in Depth Ratings (See note #10):	0 psf
Soil shall be classified by a Competent Person as type A, B or C, as defined by OSHA regulations, except as noted below:	
<ol style="list-style-type: none"> 1) A type C-60 soil is defined as a clay or moist granular soil that is not flowing or submerged. This soil can be cut vertically and will stand long enough to safely install protective system. 2) If the soil is submerged or has freely seeping water, it shall be classified as a C-80 soil. 3) Shielding shall never be used in soft clays, organic peat or other flowing materials. 	

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