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PRO-X HEADER® SELECTION SCHEDULE

Table 10: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/CBC 2013)

For use at 1-hour walls; 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 3.72$ (max) or $I_p = 1.5$ & $S_{DS} = 2.48$ (max)

BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013
Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p=1.0$ and Spectral Response Acceleration, $S_{DS} = 3.72$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 2.48$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – One (1) layer gypsum board (each side) = 6 psf wall height - 7.5 psf transverse pressure - 24" o.c. (max) Stud Spacing

Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION — INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-33	362X425-54	362X425-68	362XTC425-54	362XTC425-68
		4" Studs = 400	400X425-33	400X425-54	400X425-54	400XTC425-54	400XTC425-54
		6" Studs = 600	600X425-33	600X425-43	600X425-54	600X425-54	600XTC425-54
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362X425-68	362XTC425-68	362XTC425-68
		4" Studs = 400	400X425-33	400X425-54	400X425-54	400XTC425-54	400XTC425-68
		6" Studs = 600	600X425-33	600X425-54	600X425-54	600XTC425-54	600XTC425-54
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362XTC425-54	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-33	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-43	362X425-68	362XTC425-54	N/A	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-43	600X425-54	600X425-68	600XTC425-54	600XTC425-68

For SI: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No.8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil. / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
- Product Nomenclature: Series X = ProX Header Member "without" insert i.e.: 362X425 - Series XTC = ProX Header Member "with" insert - i.e.: 362XTC425
- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - ie: 362X425-54 = 16 gauge member
- The allowable transverse pressure of 7.5 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.

Table 13: Interior Header Schedule – IAPMO ER-0286 (IBC 2012/CBC 2013)

For use at 2-hour walls; two layers of 5/8" drywall full height each side of the wall. $I_p = 1.0$ & $S_{DS} = 2.03$ (max) or $I_p = 1.5$ & $S_{DS} = 4.97$ (max)

BUILDING CODE COMPLIANCE: IBC 2012, CBC 2013
Out-of-plane loading to be 5 psf min. per IBC or CBC Section 1607.14 or as determined by the building parameters. The use of this chart is acceptable for the Importance Factor, $I_p=1.0$ and Spectral Response Acceleration, $S_{DS} = 2.03$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 1.35$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – One (1) layer gypsum board (each side) = 11 psf wall height - 7.5 psf transverse pressure - 24" o.c. (max) Stud Spacing

Opening Type	Deck Height	Wall Width Stud Size	ALLOWABLE SPAN: PRO-X HEADER SELECTION — INTERIOR OPENING SPAN				
			0' – 4' 6"	4' 7" – 6' 6"	6' 7" – 8' 6"	8' 7" – 10' 6"	10' 7" – 12' 0"
Typical Interior Door (or) Window HEAD @ 7'-0" tall or greater	UP TO 14' 0"	3-5/8" Studs = 362	362X425-43	362X425-54	362XTC425-54	362XTC425-68	N/A
		4" Studs = 400	400X425-43	400X425-54	400XTC425-54	400XTC425-68	N/A
		6" Studs = 600	600X425-43	600X425-54	600X425-68	600XTC425-54	600XTC425-68
	14' 1" – 16' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-43	400X425-68	400XTC425-54	N/A	N/A
		6" Studs = 600	600X425-43	600X425-54	600XTC425-54	600XTC425-68	N/A
	16' 1" – 18' 0"	3-5/8" Studs = 362	362X425-54	362X425-68	362XTC425-68	N/A	N/A
		4" Studs = 400	400X425-54	400X425-68	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-54	N/A	N/A
	18' 1" – 20' 0"	3-5/8" Studs = 362	362X425-54	362XTC425-54	N/A	N/A	N/A
		4" Studs = 400	400X425-54	400XTC425-54	400XTC425-68	N/A	N/A
		6" Studs = 600	600X425-54	600X425-68	600XTC425-68	N/A	N/A

For SI: 1 inch = 25.4 mm, 1 mil = 0.0254 mm, 1 psf = 4.88 kg/m².

Notes:

- All Screws used to attach clips to jamb studs are No. 8 Self-Tapping Waferhead Screws. No. 10 SMS (min. 3/4" long) are required at all 68 mil applications. Tables 7A, 7B, 8A, and 8B specify the number of screws in clip to jamb stud and header to clip.
- All Clips are 54 mil. / 16 gauge / All Fasteners / Screws can be installed in either direction (i.e. Clip to Jamb or Jamb to Clip)
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- Product Nomenclature: 33mil. = 20 gauge, 43mil. = 18 gauge, 54mil. = 16 gauge, 68mil. = 14 gauge - ie: 362X425-54 = 16 gauge member
- The allowable transverse pressure of 7.5 psf is the maximum air pressure (such as in shaft walls) and also the maximum "Seismic Design Force" based on wall weight when using the IP and SDS in the Table above.