



Steel Framing and Metal Lath

Corporate Headquarters
263 North Covina Lane
City of Industry, CA 91744
Phone: 800.775.2362
Fax: 626.330.7598

Manufacturing Facilities
City of Industry, CA
Denver, CO
Ft. Worth, TX
Pittsburg, CA

Structural Engineering/Design
1001-A Pittsburgh Antioch Hwy
Pittsburg, CA 94565
Phone: 800.775.2362
Fax: 626.330.7598

Technical Services
263 North Covina Lane
City of Industry, CA 91744
Phone: 800.416.2278
Fax: 626.249.5005

PRO-X HEADER® SELECTION SCHEDULE

Table 9: 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. $I_p = 1.0$ & $S_{DS} = 2.48$ (max) or $I_p = 1.5$ & $S_{DS} = 1.65$ (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, $S_{DS} = 2.48$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 1.65$ (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 - 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 | 362X425-43 | 362X425-54 | 362X425-68 | 362XTC425-68 |
| | | 4" Studs = 400 | 400X425-33 | 400X425-43 | 400X425-54 | 400X425-68 | 400XTC425-54 |
| | | 6" Studs = 600 | 600X425-33 | 600X425-43 | 600X425-54 | 600X425-68 | 600X425-68 |
| | 14' 1" – 16' 0" | 3-5/8" Studs = 362 | 362X425-33 | 362X425-54 | 362X425-68 | 362XTC425-68 | 362XTC425-68 |
| | | 4" Studs = 400 | 400X425-33 | 400X425-54 | 400X425-68 | 400XTC425-68 | 400XTC425-68 |
| | | 6" Studs = 600 | 600X425-33 | 600X425-43 | 600X425-54 | 600X425-68 | 600XTC425-54 |
| | 16' 1" – 18' 0" | 3-5/8" Studs = 362 | 362X425-43 | 362X425-54 | 362X425-68 | 362XTC425-68 | N/A |
| | | 4" Studs = 400 | 400X425-43 | 400X425-54 | 400X425-68 | 400XTC425-54 | 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 | 362X425-54 | 362XTC425-68 | 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 |

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 - i.e. 362X425-54 = 16 gauge member
- The allowable transverse pressure of 5.0 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 12: 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. $I_p = 1.0$ & $S_{DS} = 1.35$ (max) or $I_p = 1.5$ & $S_{DS} = 0.902$ (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, $S_{DS} = 1.35$ (max), OR Importance Factor $I_p = 1.5$ and Spectral Response Acceleration, $S_{DS} = 0.902$ (max). This chart is also valid for Design Categories A-F. Deflection $L/240$ – Two (2) layers gypsum board (each side) = 11 psf wall height - 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 | 362X425-68 | 362XTC425-68 | N/A |
| | | 4" Studs = 400 | 400X425-43 | 400X425-54 | 400X425-68 | 400XTC425-68 | N/A |
| | | 6" Studs = 600 | 600X425-33 | 600X425-54 | 600X425-68 | 600XTC425-54 | 600XTC425-68 |
| | 14' 1" – 16' 0" | 3-5/8" Studs = 362 | 362X425-43 | 362X425-68 | 362XTC425-54 | 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 | 600X425-43 | 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 | 400X425-68 | 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)
- 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 - i.e. 362X425-54 = 16 gauge member
- The allowable transverse pressure of 5.0 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.