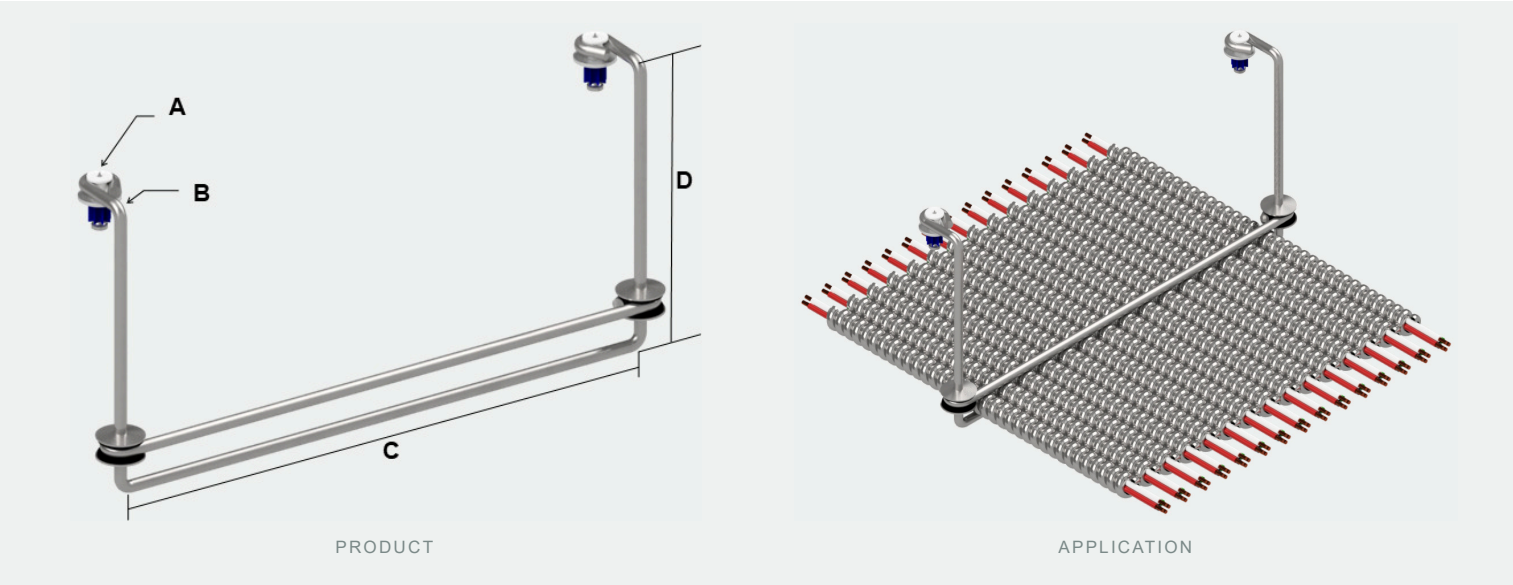


120 | Simple Crossbar Trapeze

4 to 18 in. width | Listed: ICC-ES PMG-1840



01 CAPACITY

Rated load 100 lbs, listed per ICC-ES PMG-1840 Table 1 (September 2026). The published capacity of the configured assembly is **100 lbs** with every fastener option in its listed substrate: each option meets or exceeds the support rating, so the support governs.

The rated load applies to the support assembly; the attachment to structure is evaluated separately. The fastener backup documents (F sheets) are furnished upon request, and a configured assembly sheet is issued per project with the selected fastener and its substrate capacities.

02 ORDERING

Segment	Selection	Description
A	Fastener, by substrate	Power actuated pins and post nuts: A001 PD157-100W, A01 PD157-114W, A02 PD157-112W, A03 PD157-100NR, A04 PD157-114NR, A05 PD157-112NR. Concrete anchors: A20 7404SD1-PWR, A21 7413SD2-PWR, A30 PFM1411060. Wood fasteners: A40 TB250, A50 HL14200. Sheet steel: A60 HWD10114. Steel clips (sidemount only): A71 BC50, A72 PC25, A73 HBC25, A74 HBC50.
B	Footprint	B01 90 deg foot (S90) (S90 footprint, rated 90 lbs per ICC-ES PMG-1840 Table 1.). B02 Sidemount 180 deg foot (S180) (S180 footprint, rated 90 lbs per ICC-ES PMG-1840 Table 1.).
C	per order	Width, 4 in. to 18 in.
D	per order	Drop length, in.

Ready to ship: 120A01B01C12D08, 120A01B01C12D12.

03 NOTES

- MC/AC and flexible conduit trapeze: pull the cables through the support and lower the crossbar with its neoprene backed restraint washers.
- Enables airflow to eliminate bundling limitations. NEC 310.15(C)(1)(d).
 - Rigid connection to structure eliminates the need to tie off to the ceiling grid below. NEC 300.11(A).
 - Finish: zinc plated.
 - Support spacing governed by the applicable local building code.
 - Dry locations only, per the listing.
 - Rated load carries a minimum 4:1 factor of safety on ultimate tested capacity per ICC-ES LC1041 and UL 2239.
 - The rated load applies to the support assembly only; the attachment to structure is evaluated separately (Section 01).
 - Seismic: per ASCE 7, power actuated fasteners are limited to 90 lbs of tension in Seismic Design Categories C ($I_p = 1.5$), D, E and F. The capacity published here is already at or below that limit, so it is unchanged on a seismic project.
 - Drawings not to scale.