

Technical data sheet - Rails (US)

This datasheet contains information about the following rails available for our TX Telescopic Seating System:

Safety rails which are designed to guard against falls and are available for the side, front or rear of the system as appropriate.

Hand rails which are designed to provide hand-holds for patrons, to help prevent slips and trips.

Please note: this datasheet is for guidance only.

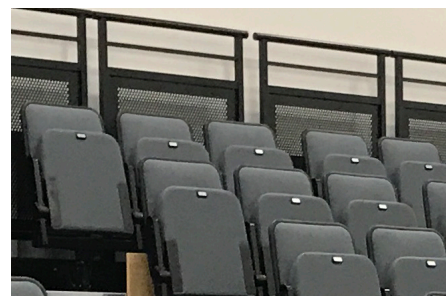
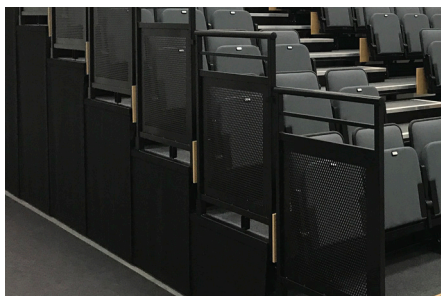
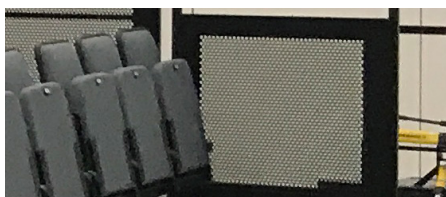
The exact specifications of rails which are possible vary with the configuration of the retractable seating system. Please check with your Audience Systems representative before specifying.

Safety Rails (Side, Rear and Front)

Rail Infill Design

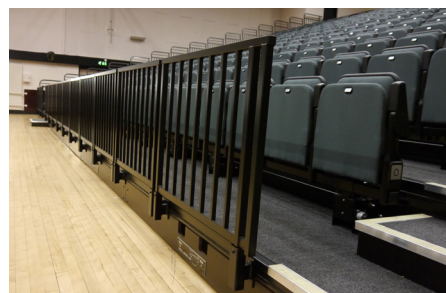
Type E (Perforated Steel)

5/8" thick perforated steel panel.



Type D (Steel bar)

Square section steel tube uprights.



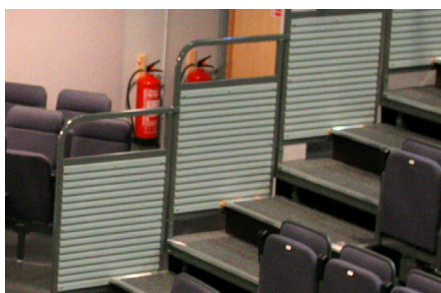
Type B (Wood)

MDF infill, faced with melamine (finish: oak) - other finishes on request.

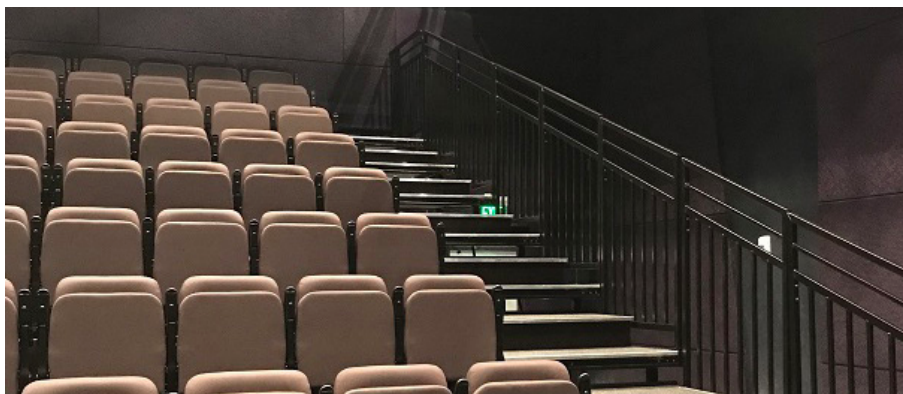


Custom

Please contact us to discuss custom infills to match your interior.

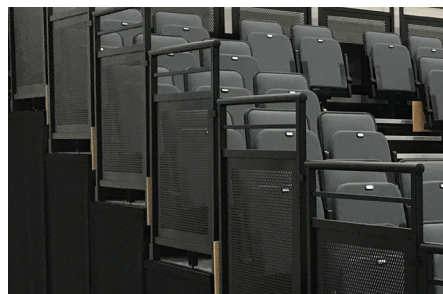


Rail Top Shape



Continuous slope top

The photograph shows a typical configuration - the exact design will vary with the parameters of the seating system.



Straight top

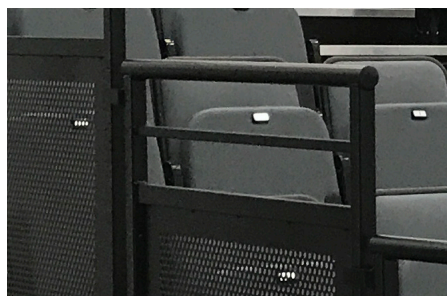
(typically used with Type E infills)



Curved top

(typically used with Type B & D infills)

Rail Top Finish

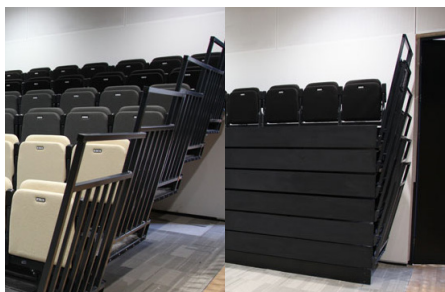


Left: Round bar

Centre: Square bar

Right: Wooden handrail

Rail Operation



Top Left: Removable The rails must be loosened using grub screws and removed from the platforms before retraction. Specially designed trollies (**left**) are available for storage and transportation.

Centre: Self-storing Angled to nest together when unit is retracted.

Right: Folding These are unlatched and folded down by hand and stay on the seating unit as it retracts. They must EITHER be located adjacent to an aisle OR the row rise of the seating system must be sufficient to accommodate them above the backs of the folded-down chairs.



Hand Rails

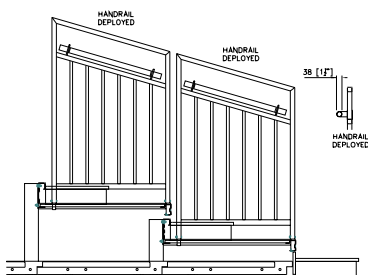
Where an aisle is adjacent to a side rail

Under the US telescopic seating standard ICC:300, side rails, which are primarily designed to stop falls from the side of the tiering, are not deemed suitable as hand rails. Where side rails are directly adjacent to a stepped aisle, additional hand rails must be fixed to the side rails.

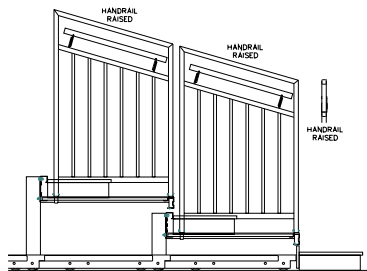
If the side rails are a **folding** design, the hand rails need to be unlatched and flipped up before the side rail is folded down onto the aisle.

If the side rails are a **removable** design, the hand rails need to be unlatched and flipped up to allow space-efficient storage of the side rail.

If the side rails are a self-storing design, we will supply an alternative design of handrail, which can be completely removed before the retractable system is closed.



Folding hand rails deployed



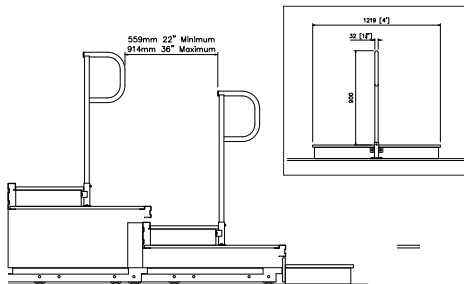
Folding hand rails flipped up



Removable handrails on self-storing side rails

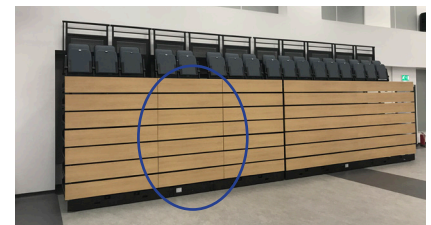
Where an aisle is adjacent to seating

Under ICC:300, hand rails must be placed in the centre of each aisle which has seating either side. This is intended to help prevent patron slips and trips. In low capacity auditoria, it is permitted to place the hand rails to the side of the aisle.



Centre Aisle "P" Rail

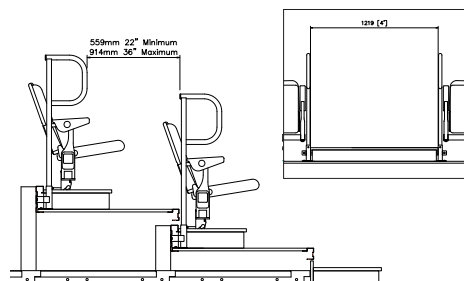
These must be removed before the unit is retracted. A folding version is available, but please note that if the folding version is specified, aisle infill panels* must be omitted or modified.



*Aisle infill panels allow the fascia to continue across the aisle positions when the system is closed.



Extended "P" Rail for double row depth system



Side of Aisle "P" Rail

Admissible in low capacity auditoria.