

DRAFT

TOLERANCES

<b>Panel Tolerances (as Manufactured)</b>	
Panel Size - Molded, Compression Molded	+/- 1/8" (width, length & diagonal)
Panel Size – Pultruded	+/- 1/4" (width, length & diagonal)
Grating Depth	+/- 1/16"
Panel Flatness (Warp)	+/- 1/32" per lf (length direction) +/- 1/16" per lf (width direction)

<b>Cutting Tolerances (as Fabricated)</b>	
Rectangular Cuts	+0", -1/4"
Straight Cuts	+0", -1/4"
Circular Cuts	+0", -3/8"

<b>Grating Clearances</b>	
To Side of Trench	1/4"
To Wall	1/2"
Between Panels	0" to 1/4" <sup>1</sup>

<p><b>Minimum Support Width</b> 1½" minimum (nominal)</p> <p><b>Attachment</b> 2 Hold-downs at Each Support</p> <p><b>Banding</b> Plate 1/8" (min) attached with bolts or lag screws Straight Banding - attachments spaced 12" centers Curved Banding - attachments spaced 9" max (dependant on radius)</p> <p><b>Stair Treads</b> Nosing - "Readily Identifiable" - solid, color difference from tread, etc.</p> <p><b>Recommended Tread Attachment to Stringer</b> 4 Anchors per Tread Support - FRP Angle - 2" x 2" x ¼" minimum x full tread run, in length</p>
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1. Molded grating is generally manufactured to true size - 4'x8', 3'x10', etc. Some field trimming may be required.
2. The above tolerances for Flatness (Warp) does not apply to fabricated panels.
3. These tolerances do not apply to grating panels covered with plate (laminated or adhesive bonded).