

STELLARCRAFT GUARDRAILS



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StellarCraft Guardrails are premium aluminum railings, designed for elevated spaces, high traffic areas, and other locations needing a clean and durable guardrail. While our primary goal is to create divisions of space and maintain occupant safety, our StellarCraft Guardrails are each fabricated specifically for each project, so you can find the custom design that is perfect for you.

manufacturer's requirements

- Minimum Opening Size to be equal to or greater than material thickness
- Material between openings must be equal to or greater than material thickness
- Maximum Material Thickness not to exceed 0.314" (8mm). Maximum Material Width not to exceed 60"
- Maximum Material Length not to exceed 144"

product finishes

- Clear anodized finish
- High performing organic fluoropolymer finish
- See our Standard Options for more details

structural performance

- Horizontal concentrated load of 50 lbs. applied to 1 sq. ft. at any point in system, including panels, intermediate rails, balusters, or other elements composing infill area
- StellarCraft Guardrails comply with IBC structural strength and dimensions

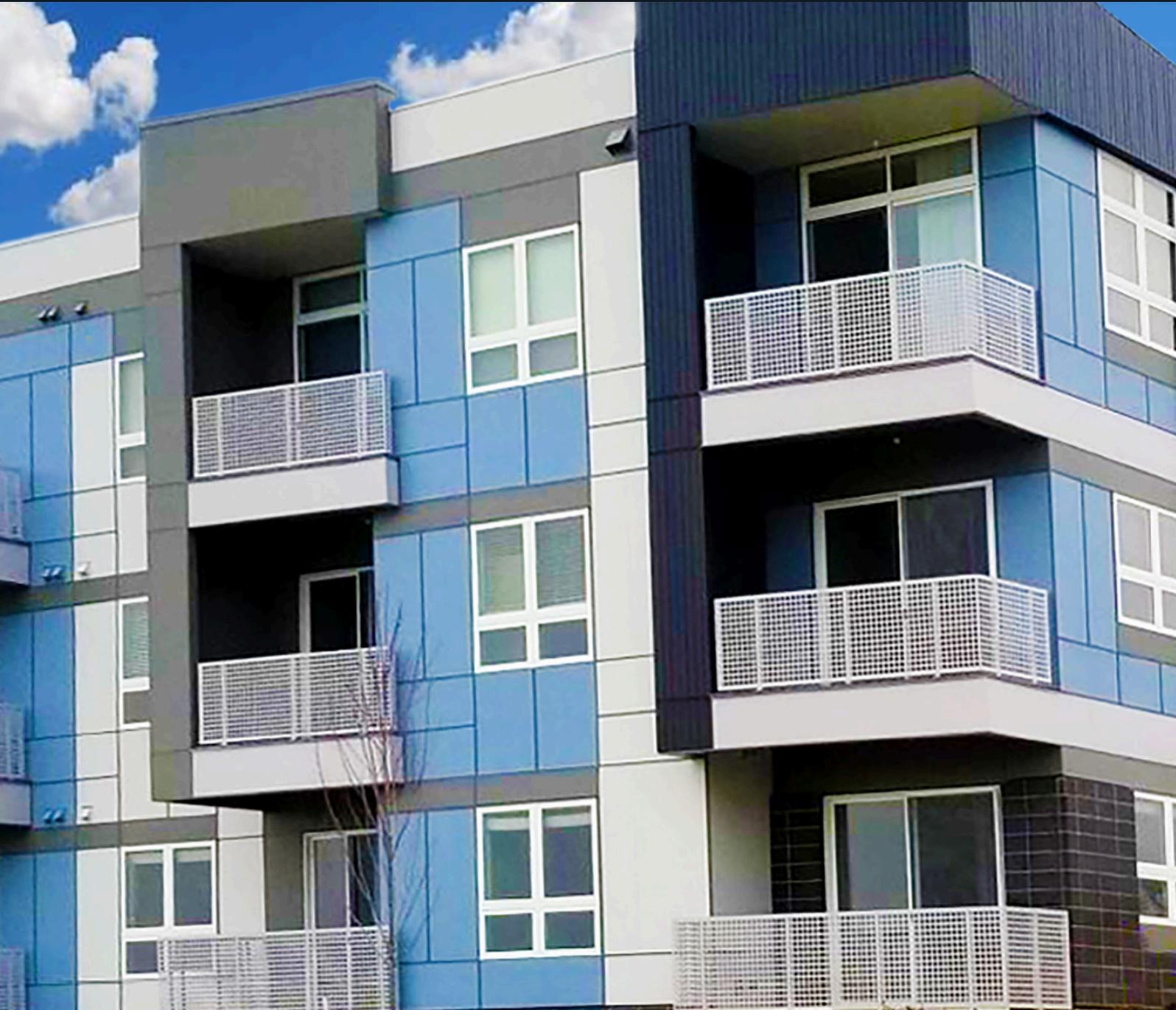
pattern library

- We have 12 standard tooling options
- Patterns are limitless with custom tooling
- Virtually any shape or pattern is possible taking your design from concept to reality
- See our Standard Options for more details

PERFORATED GUARDRAILS



GALAXY



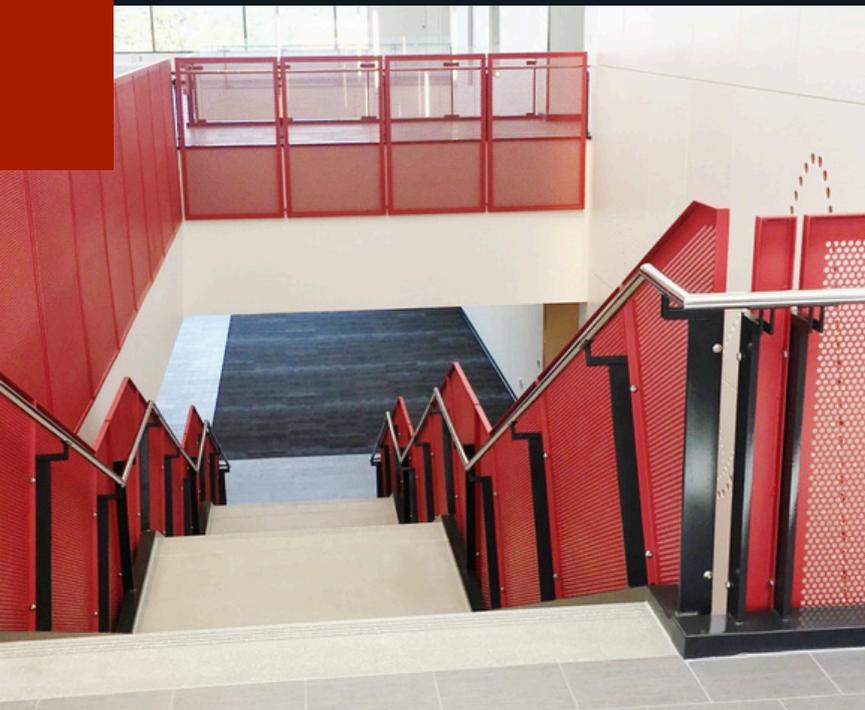
StellarCraft Galaxy Guardrail is a perforated aluminum railing, specifically for balconies, stairs, and other elevated spaces. With the primary goal of creating divisions of space and maintaining occupant safety, the addition of perforated paneling regulates ventilation, noise, shade, visibility, and privacy. These panels add a unique architectural element to any elevated space.

PERFORATED GUARDRAILS

GALAXY

fabrication

- **Aluminum Tube Posts:** 6061-T6 alloy, 0.250". wall thickness
- **Aluminum Horizontals:** ASTM B209, 5052 alloy; 0.125". thick
- **Exposed Fasteners:** Button head screws or bolts, consistent with design of fence
- **Welding Electrodes:** Comply with AWS requirements in D1.1 and D1.2
- **Fasteners, Anchors & Inserts:** 304 stainless



materials

- **Extrusion Alloy:** 6061-T6 Series
- **Perforated Panel Alloy:** 5052
- **Screws, bolts, washers, hardware** Stainless steel or other corrosion resistant material