

Custom stainless steel doors & frames



Custom stainless steel is now available through both Steelcraft and Republic with a broad range of sizes, profiles, hardware options, and labels. Reach out to your local sales representative for details on how to order a stainless steel solution to meet your custom hollow metal needs.

Stainless steel door overview

Stainless steel doors are designed and built to withstand the harshest environments. This solution utilizes all-stainless-steel construction, including reinforcement components. Doors are available in either 304 or 316 alloy for maximum durability and corrosion protection. Stainless steel stiffeners are epoxy-glued to eliminate surface imperfections associated with welding.

In addition to standard flush and panel doors, custom doors are available in a wide range of polished, embossed, and etched finishes. Custom sizing, lites and finishes combined with industry performance ratings can create an architectural design perfect for showcase projects.

Features and benefits

- Door cores to suit various applications:
 - Polystyrene
 - Polyurethane
 - Steel stiffened - stainless steel stiffeners epoxy glued in, in lieu of welded in
- Seamless and interlocking edge
- Stainless steel thickness up to 12 gauge
- Specification requirements
 - Door construction meets the requirements of ANSI A250.8-2003
 - Hardware preparations and reinforcements are in accordance with ANSI A250.6-2003. Locations are in accordance with ANSI/DHI A115; alternate locations are available.
- Ratings
 - Fire-rated up to Class A (3 hour)
 - Sound-rated door & frame assemblies up to STC 46
 - Hurricane approved
- Exceptional corrosion resistance – 100% stainless steel
 - Type 304 Alloy
Standard corrosion resistance
 - Type 316 Alloy
Heavy duty corrosion resistance

Stainless steel frame overview

Stainless steel frames are fabricated from 100% stainless steel to offer premium corrosion resistance with clean aesthetics.

The performance options range from light to heavy duty applications for commercial and institutional projects. The features of this solution accommodate unusual or oversized profiles and elevations, alternative finishes, extensive lite configurations, oversize face trim, and more.

The breadth of options is sure to satisfy both performance and design requirements.



Features and benefits

- Stainless steel components, hardware reinforcements and anchors
- Stainless steel thickness 12 - 16 gauge
- Machine-mitered corners, face welded, refinished to match trim with no visible seam
- Various anchor options available:
 - Masonry
 - T-wire anchors
 - Metal stud
 - Existing wall anchors
- KD frame options available along with many frame profiles
- Ratings
 - Fire-rated up to Class A (3 hours)
 - Sound-rated door and frame assemblies up to STC 46
 - Hurricane approved
- Exceptional corrosion resistance - 100% stainless steel
 - Type 304 Alloy – standard corrosion resistance
 - Type 316 Alloy – heavy duty corrosion resistance

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit www.allegion.com

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