

## GRAINTECH™

There's no denying that steel doors offer several performance benefits over wood doors, but many architects don't specify them because of their cold, sterile look. GRAINTECH™ doors from Steelcraft, though, completely eliminate any design concerns. GRAINTECH doors give buildings a warm, inviting look and style—without sacrificing any of the security, fire-rating, durability or acoustical benefits found with steel doors.



Over the past decade, GRAINTECH doors have been specified for a variety of building applications, including schools, hospitals, military facilities, commercial office buildings, hotels, performing arts centers and more. These stainable steel doors—used on both exterior and interior openings—provide the beauty of wood with a simulated wood pattern. Our exclusive engraving and staining process simulates a wide variety of wood finishes, including:

- Walnut
- Mahogany
- Maple
- Oak
- Ash
- Birch

Custom finish options are also available to accurately match existing wood treatments.

Plus, the use of concealed hardware on the GRAINTECH doors gives an opening a clean appearance without any rods or other hardware distracting from the overall look.

### L-Series GRAINTECH doors

Most popular offering, suitable in a variety of applications



- Laminated full flush design
- Available in 16 and 18 gauge to fit any application from standard to extra-heavy duty
- Available in six standard finishes as well as custom matched finishes
- Half-glass, narrow lite, vision lite or custom size lites featuring Designer™ Trim, a patented Steelcraft exclusive
- Available with honeycomb, polystyrene or polyurethane insulated cores, 14 gauge top and bottom channels

### CE-Series GRAINTECH doors

Decorative option ideal for hotels, performing arts centers and other high-end building applications



- 6 panel embossed design and high definition embossed design
- Available in 16 gauge extra-heavy duty or 18 gauge heavy duty
- Available in six standard finishes as well as custom matched finishes
- Half-glass & Top-lite available featuring Designer™ Trim, a patented Steelcraft exclusive
- Polystyrene core system for structural integrity
- Fire rated 20 minutes to 3 hours

### T-Series GRAINTECH doors

Specialty application ideal for stairwells



- Temperature Rise Rated full flush design
- Available in 16, 18 gauge to fit any application from standard to Extra-heavy duty
- Available in six standard finishes as well as custom matched finishes
- Max of 100 sq in. for exposed glass featuring our Designer™ Trim
- Mineral fiber core provides 250 and 450 degree Temperature Rise Rating



### The benefits of steel

The benefits of steel doors are many, according to the “Why Steel? Performance Study of Steel Doors and Frames Compared to Other Materials” report from the Steel Door Institute.

- **Security:** Because of the natural strength of steel, hollow steel doors provide an added level of security. They are exceptional at withstanding physical abuse. Additionally, hollow metal doors provide a superior lifetime value when longevity, maintenance and repair are all considered—all factors that indirectly affect the securing of an opening.
- **Fire rating:** Hollow metal is the only door material that offers a three-hour fire rating (with the possible exception of highly specialized and very expensive doors of the alternate materials). Wood doors, on the other hand, are inherently flammable and cannot readily achieve a high fire rating—90 minutes tends to be the high end. In addition to having the best performance characteristics for fire ratings, hollow steel doors are also generally priced lower than the alternate materials for a similar (lower) fire rating.
- **Durability:** Unlike veneered or solid wood doors, GRAINTECH is less susceptible to damage, and will never warp, crack, peel or bow. A factory-applied clear coating gives the doors resistance to UV rays, which tend to discolor or fade wood doors over time. The coating also makes the doors resistant to permanent graffiti damage.
- **Longevity:** Hollow metal doors provide the greatest longevity. This provides superior economic value over the life of the door. GRAINTECH doors are tested to surpass 10 million+ cycles.
- **Acoustically sound:** Hollow metal offers the highest STC (Sound Transmission Coefficient) rating of any door material. Single hollow metal STC doors generally range from STC 32 to STC 55, with pairs generally ranging from STC 40 to STC 53.

Learn more about how Steelcraft doors can meet your building needs. Connect with an Allegion spec writer today by completing our [online contact form](#) or calling 877-929-4350.

### About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises 27 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit [www.allegion.com](http://www.allegion.com).