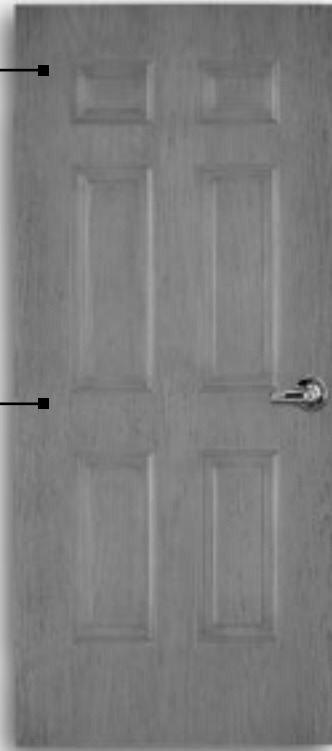


GRAINTECH™

Steel doors

Clear Coat baked on for the ultimate in UV and graffiti resistance

Multiple Finishes provide options for a variety of applications



Designer™ Trim flush light kits, stained to match the door



Purpose

When a premium wood finish is desired, and the features and benefits of steel are required, Steelcraft's GRAINTECH™ products provide the flexibility your specification demands.

Application

The exclusive engraving and staining process employed simulates a wide variety of wood finishes, from the standards of Birch, Ash, Oak, Maple, Mahogany and Walnut to custom finish matching or primed only. GRAINTECH™ is ideal to use in Schools, Hospitals, Offices, Nursing Homes, Apartment Buildings, Dormitories, etc. Unlike veneered or solid wood doors, GRAINTECH™ is fully warranted for use on exterior openings, is less susceptible to damage, and will never warp, crack, peel or bow. Designer® Trim Glass Lights used for glass light openings is likewise supplied in the finish matching the door.

Product availability

This product option is available in the following door constructions:

- CE Series
 - E6 design only (18 and 16 gauge)
 - HD2 and HD2A (18 and 16 gauge)
- H16 and HE16 Series
- L Series (18 and 16 gauge)
- T Series (18 and 16 gauge)

Glass light options:

- GRAINTECH™ glass light options for L Series doors are V, N3, N4, N5, NL, G, FG, FG2 and FG3
- GRAINTECH™ glass light options for CE Series doors E4TL

See the Fire Rated Products section for application to Fire Rated doors.



Birch

Ash

Oak

Maple

Mahogany

Walnut

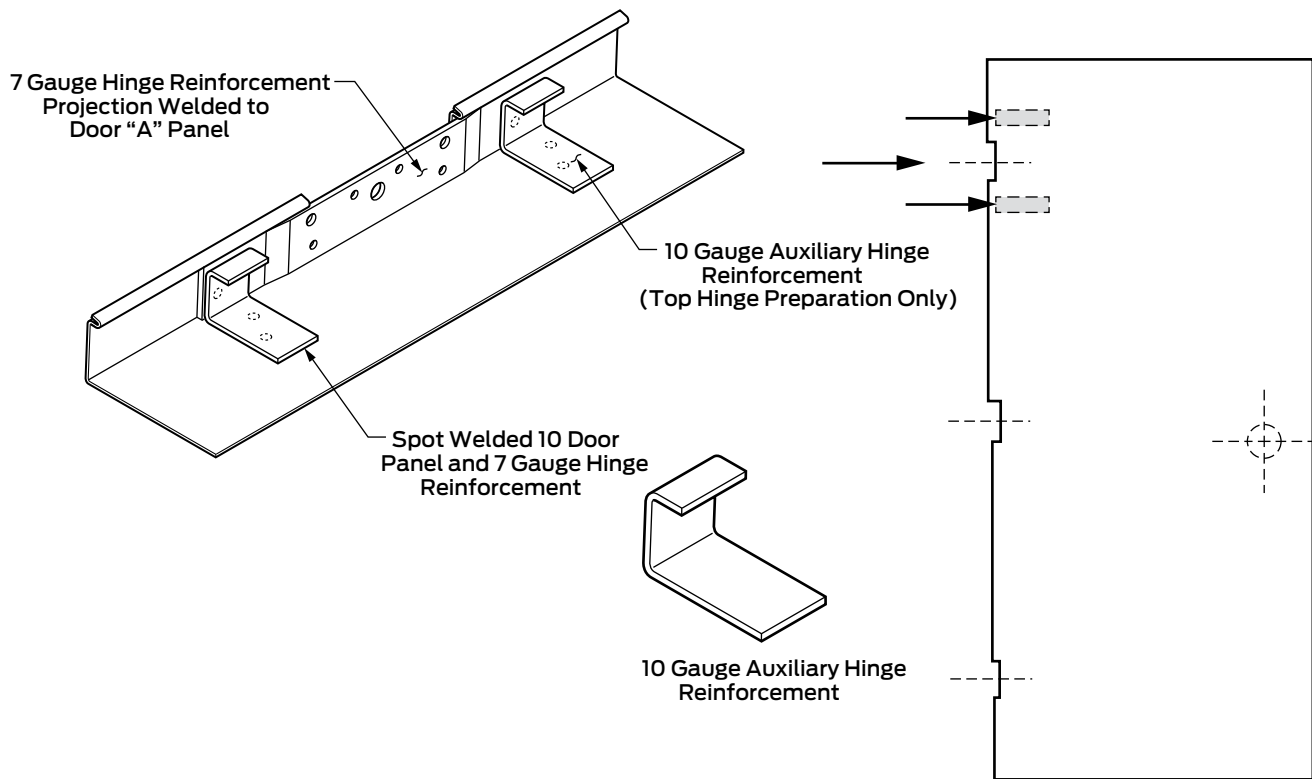
GRAINTECH™ colors chart.

Colors may vary based on your monitor, printer, and settings. Request a physical GRAINTECH™ swatch for color matching.

Custom colors are available.

Hardware

High frequency hinge preparation



Purpose

The optional high frequency hinge reinforcement provides additional strength to the 4 ½" (114 mm) or 5" (127 mm) hinge reinforcement specified for use in high abuse openings.

Application

The 10 gauge (3 mm) auxiliary hinge reinforcement is spot welded to the top and bottom of the top hinge reinforcement in 2 locations of the door:

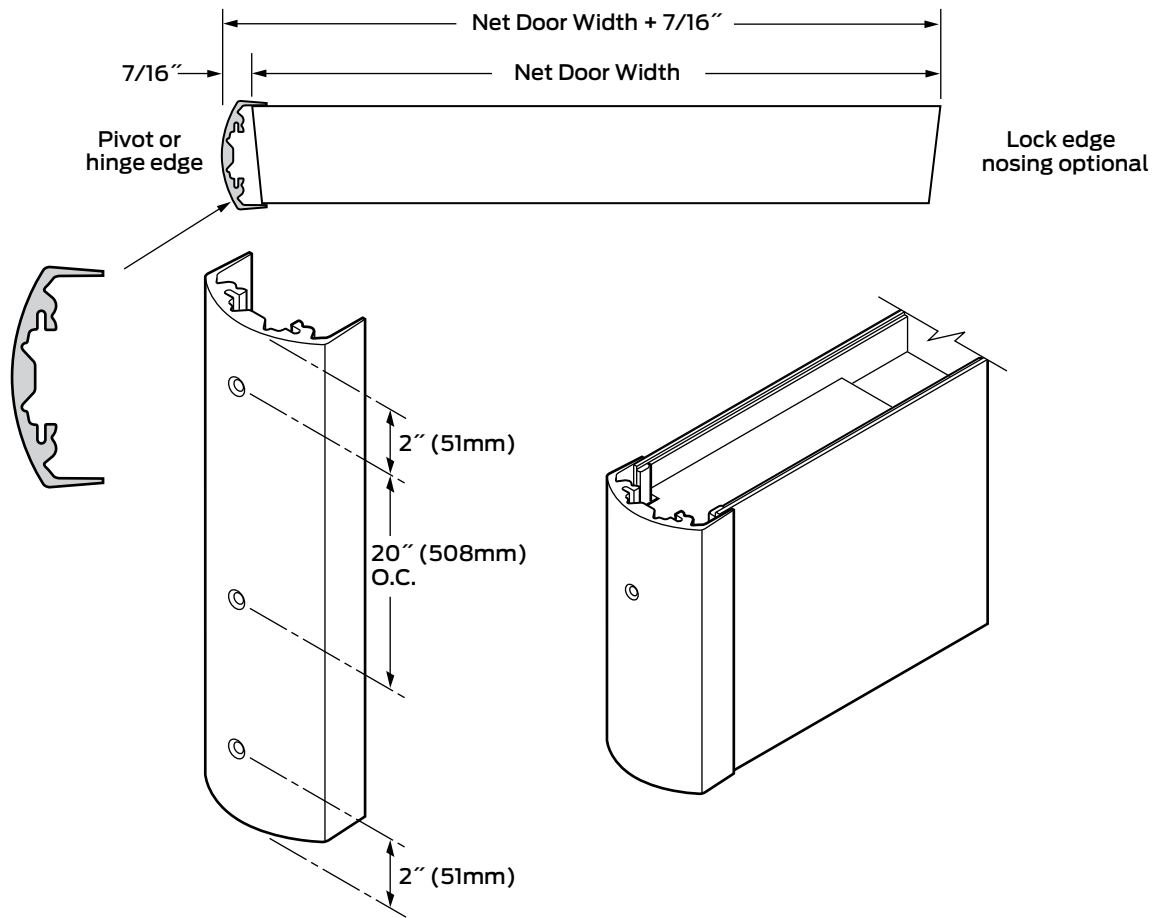
- The face of the door panel
- The 7 gauge (4.7 mm) hinge reinforcement (projection welded to the door at the factory)

Primarily applicable to the top hinge reinforcement of 4 ½" (114 mm) or 5" (127 mm) hinge reinforcements the auxiliary reinforcement may be used on other hinge locations when specified.

Product availability

High frequency hinge reinforcements are available factory installed only, and are applicable to all Series of Steelcraft labeled and non-labeled steel doors.

Aluminum door edge nosing



Purpose

Optional aluminum door edge nosing is recommended for use on double acting doors to minimize the operating clearance, between the door edge(s) and the jamb(s) of the frame.

Application

- Door edge nosing, manufactured from extruded aluminum, is prime painted.
- Recommended application to hinge edge of doors equipped with Double Acting Center Hung Pivots, Double Acting Spring Hinges, Double Acting Floor Closers and Rescue Hardware to reduce the additional vertical edge clearances required.
- Some applications may require nosing to be applied to both the pivot/hinge and lock edges of the door. Door size and/or pivot/hinge location must be adjusted accordingly.
- The door edge nosing is placed over the door edge. A No. 4 x 1" oval head sheet metal screw is installed through a $\frac{3}{16}$ " (5 mm) diameter hole to attach the unit to the door.
- Double acting doors are normally installed in cased open frames (frames that have no stops). However, smoke and fire can penetrate the clearance gap, creating a failure.
- No labeled applications.

Product availability

This door option is available for the L, B, CE, and A14 Series doors.