

## WOODGRAIN DOOR



The doors with wood finish are manufactured in steel. They have a striking finish that resembles the classic wood but with the characteristics of strength and durability of steel doors, in addition to retaining all the properties of a conventional fire door.

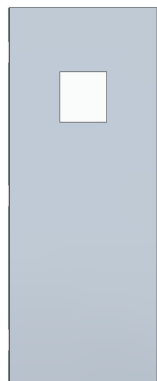
**Suggested use:**

Condominiums, institutional, urban renewal, dormitories, motels/hotels, food processing, and office buildings.

### DOOR DESIGNS



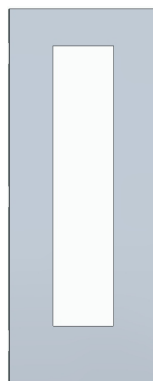
Flush



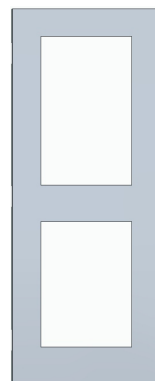
Glass Type 1



Glass Type 2



Glass Type 3



Glass Type 4

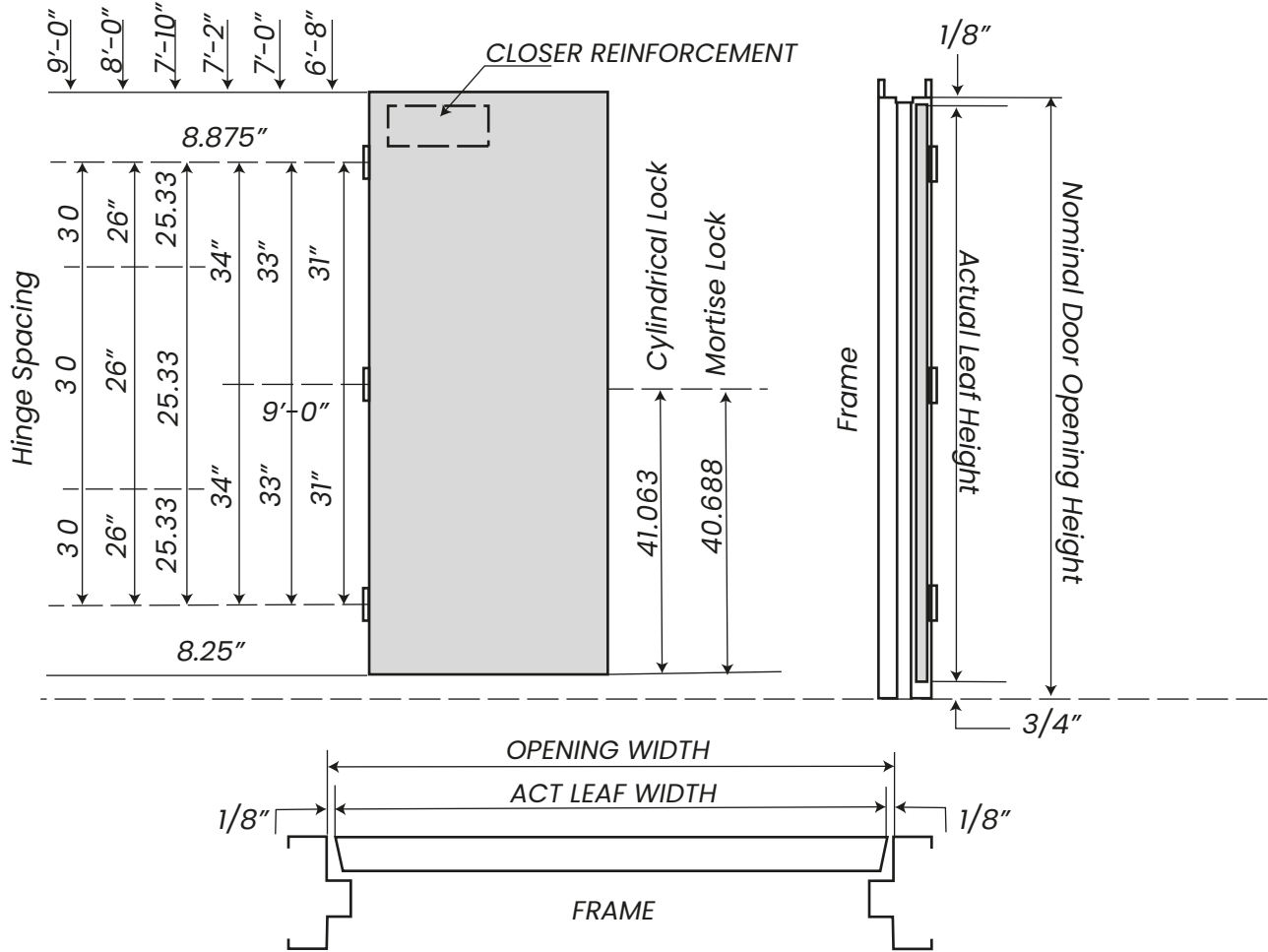


Louver

Steel doors with a thickness of 1-3/4 inches, with a honeycomb core, shall comply with the Steel Door Institute's guide specification, ANSI A250.8.

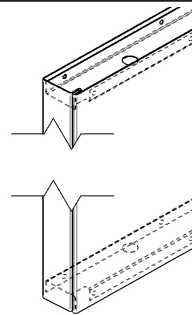
ANSI A250.8 establishes criteria to ensure that steel doors and frames meet acceptable safety and performance standards in a variety of applications. These standards may include factors such as strength, durability, and the ability to withstand specific environmental conditions. Additionally, these fire-rated doors with a honeycomb core can be manufactured in various gauges to suit specific strength and application requirements.

**HARDWARE LOCATIONS**



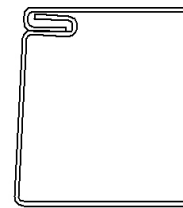
**CHANNELS**

16 GAGE STEEL  
WELDED TO BOTH FACE SHEETS  
INVERTED TOP AND BOTTOM



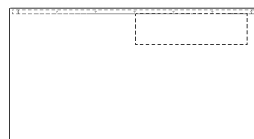
**VERTICAL EDGES**

VISIBLE SEAM  
SPOT WELDS ALONG THE DOOR EDGE  
ALLOWS THE INSTALLATION OF ANY TYPE OF  
LOCKS



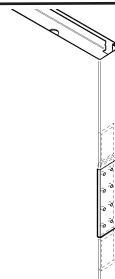
CLOSER REINFORCEMENT

14 GAGE STEEL  
CHANNEL 20" LONG



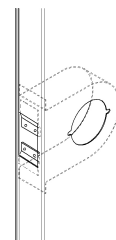
HINGE PREPARATION

4-1/2" HIGH  
STANDARD OR HEAVY WEIGHT  
FULL MORTISE  
HINGE EDGE IS HANDED AND NOT BEVELED



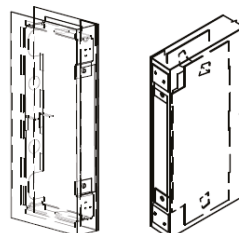
LOCK PREPARATION

GOV. 160/161  
CYLINDRICAL TYPE  
2-3/4" BACKSET



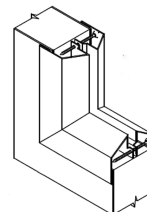
LOCK PREPARATION

GOV. 86, ANSI/BHMA A115.1  
MORTISE TYPE  
THE MORTISE REINFORCEMENT FITS ANY  
MORTISE LOCK PREPARATION



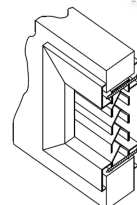
GLAZING TRIM

FOR ALL FIRE DOORS  
3/8" WIDE GLAZING POCKET



FIXED SLAT TYPE LOUVER

FOR 1-3/4" THICK DOOR  
12"X24" FIRE RATED  
24"X24" FIRE RATED



## PRODUCT SPECIFICATIONS:

### STANDAR SIZES

WIDTH	HEIGHT
2' - 0"	
2' - 4"	
2' - 6"	
2' - 8"	6' - 8"
2' - 10"	7' - 0"
3' - 0"	7' - 2"
3' - 4"	7' - 10"
3' - 6"	8' - 0"
3' - 8"	
3' - 10"	
4' - 0"	

NOMINAL DOOR OPENING

### FIRE DOORS

UL CERTIFIED UP TO 3 HOURS  
OF FIRE RESISTANCE

RATING: 1 HR, 1- 1/2 HR OR 3 HR  
MAX. SIZE: 4'0" X 8'0" SINGLE

The 1-3/4-inch thick steel doors, manufactured by FORTIS DOORS, meet the Steel Door Institute's ANSI A250.8 standards.

Doors may have a fire resistance rating of up to three hours, except where glass is installed, which may be subject to limitations based on gauge, size, hardware, construction, etc.

Door core options can be included in this model for either HONEYCOMB core, POLYSTYRENE core, TERMPERATURE RISE core or STEEL STIFFENED core. In addition, the door faces can be manufactured in COLD ROLLED steel or the option of hot-dip galvanized or galvanized steel according to ASTM A924 and A653 is recommended.

These doors have visible joints joined by pressure between both faces and fixed with welding points. The kraft honeycomb core is firmly bonded to the front plates with contact adhesive. The top and bottom edges are sealed with 16-gauge steel channels.

Regarding hardware, the edges of the hinge boxes are recessed for standard and heavy-duty 4-1/2-inch hinges, with 7-gauge steel reinforcements welded inside the door edge. Various locks can be installed depending on customer needs, with the option of internal plating for security locks, panic locks, fire-rated locks, and customer choice door closers.

The finish is UV protected, and is available in a variety of finishes, depending on the customer's choice. For more information, please refer to the finishes section of this document or contact a FORTIS DOORS sales representative.

DOOR FACE SHEET	LEVEL	RECOMMENDED DOOR FRAME MATERIAL
20 GAGE STEEL	STANDARD DUTY	16 GAGE STEEL
18 GAGE STEEL	HEAVY DUTY	16 GAGE STEEL
16 GAGE STEEL	EXTRA HEAVY DUTY	16 OR 14 GAGE STEEL
14 GAGE STEEL	MAXIMUM DUTY	16 OR 12 GAGE STEEL

## Colors and Designs for Standard Wood Doors



This is a list of wood finishes that will help you in your choice, if you need a different finish you may contact FORTIS DOOR sales team for advice.

Fortis Doors guarantees the quality of wood-finished doors, which undergo a highly durable factory finishing process. However, to ensure long life and durability, regular and periodic maintenance is essential.

Here are some recommendations for surface care:

### Maintaining Wood Doors.

Over time, doors may need a new coat of finish due to wear and dirt accumulation.

When applying a new finish coat to Madera doors, it is important to follow these instructions:

Use only high quality exterior varnishes that contain UV inhibitors/absorbents. These products are often labeled "superior UV protection.....". Marine grade varnishes are especially recommended. Avoid water-based varnishes or paints.

Before recoating, lightly but thoroughly sand the surface with 320 grit sandpaper or fine steel wool (0000). Remove any dust or dirt with a tack cloth. Carefully read the manufacturer's instructions on the label and test a small area before applying to the entire door.

### Cleaning

To keep the door surface in top condition, it is advisable to use a household or commercial cleaner approved for wood finish surfaces. White vinegar diluted in warm water is an effective cleaning solution. After cleaning, dry the surface immediately. Do not allow water to collect in places where it can accumulate such as door channels or door perforations, thus preventing water from entering the product and causing rust in the short term.

Fortis Doors emphasizes that while the information and statements provided are believed to be reliable, it assumes no legal responsibility for them. Users are strongly advised to make their own checks and tests to determine the suitability of any information or product for their specific needs.