

### 1701 Hollow Metal Door with Polystyrene Core Bullet Resistant UL 752 Level 1

Face Material Galvannealed A40 or A60 ASTM-A-653 Face thickness 12 Ga. (.0994 min thickness) CS type B

Construction Rigid polystyrene core bonded to both face sheets

Door thickness 1 3/4" Standard

Hardware Locations Any specified locations. Door hardware Certified and Listed for UL752 Level 1

application

Reinforcements 7 Ga. 1 1/4" x 10" joggled hinge reinforcement, drilled and tapped

12 Ga. mortise hardware tabs, drilled and tapped

14 Ga. surface hardware and trim reinforcement, drilled and tapped

Edge reinforcement Both edges reinforced with 16 Ga. full length channels spot welded to the face sheets

Vertical edges Fully welded with no visible seam (for doors up to 4' wide and 8' height

Glazing Glazing and Glazing Frame shall be listed for UL 752, Level 1

(Size per listing, minimum 12 x 12 in).

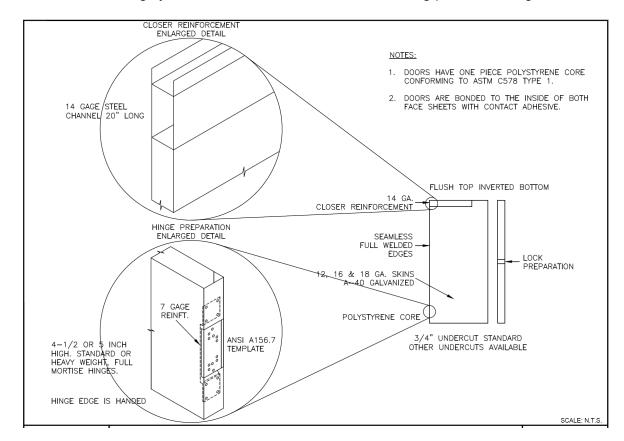
Note: Glass should be cut 1/4" less than door cut out.

Exposed glass opening is 1 5/16" less than cutout dimensions.

Handing Doors are handed

Appearance Faces and edges free of defects, warp and buckle

Finish Thoroughly cleaned and coated with a rust inhibiting primer meeting





#### 1801 Steel Stiffened Door / Bullet Resistant

#### **UL 752 Level 1**

Face Material Galvannealed A40 or A60 ASTM-A-653 Face thickness 12 Ga. (.0994min thickness) CS Type B

Construction Hollow metal with vertical steel stiffeners (ribs). Space between ribs

Insulated with glass wool insulation

Door thickness 1 3/4" Standard

Hardware Locations Any specified location. Door hardware Certified and Listed. UL 752 Level 1 application

Reinforcements 7 Ga. 1 1/4" x 10" joggled hinge reinforcement, drilled and tapped

12 Ga. mortise hardware tabs, drilled and tapped

14 Ga. surface hardware and trim reinforcement, drilled and tapped

Steel Stiffeners 6" from edge of door, 6 " on center 18 Ga.

Edge reinforcement Vertical and horizontal edges reinforced with 16 Ga. (min) full length channels spot

welded to the face sheets

Vertical edges Fully welded with no visible seam (for doors up to 10' height and 4' width)

Glazing Glazing and Glazing Frame shall be listed for UL 752, Level 1.

(Size per listing, minimum 12 X12 in.)

Glass should be cut 1/4" less than door cut out. Exposed glass opening is 1 5/16" less

than cutout dimensions.

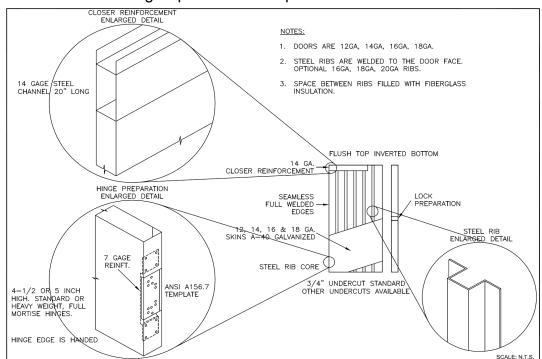
Handing Doors are handed

Appearance Faces and edges free of defects, warp and buckle

Finish Thoroughly cleaned and coated with a rust inhibiting primer meeting

requirements as per ANSI/SDI A250.10

Options UL Labeling requirements as specified





## Welded Frames 1701 and 1801 Bullet Resistant Doors UL 752 Level 1

Material Galvannealed A40 ASTM-A-653

Thickness 12 Ga. (.0944 min. thickness) CS Type B

Construction Mitered and welded face and back

Appearance Square, true and free of defects, warp and buckle

Hardware 7 Ga. 1 1/4" x 10" joggled hinge reinforcement, drilled and tapped. 12 Ga hardware

reinforcements.

Backwelded for additional strength. Also mortised, enforced, drilled and tapped at the factory for hardware in accordance with approved schedule and templates provided by hardware contractor. Strike jambs prepared for three rubber silencers, unless otherwise specified.

Anchors Anchors as specified. For standard frames, four 16 Ga. weld in sill anchors per jamb

Guards Dust covers on all frames. Mortar guards on frames for masonry walls.

Spreaders Temporary spreader bars welded to the bottom of all three sided frames. To be removed

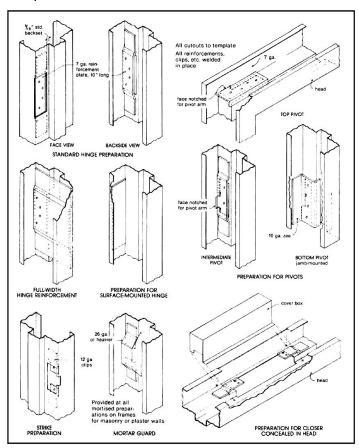
before installation

Marking Embossed with opening numbers above the middle hinge. In the jamb for continuous hinge

Frames. Frames and Doors labeled for UL 752 Level 1 or UL 752 Level 3

Finish Thoroughly cleaned and coated with a rust inhibiting primer meeting

requirements As per ANSI/SDI A250.10





#### 1703 Hollow Metal Door with Polystyrene Core Bullet Resistant, UL 752 Level 3

Face Material Galvannealed A40 or A60 ASTM-A-653 Face thickness 12 Ga. (.09444 min thickness) CS Type B

Construction Rigid polystyrene core bonded to both face sheets

Door thickness 1 3/4" Standard

Hardware Locations Any specified locations. Door hardware Certified and Listed For UL 752 Level 3

application

Reinforcements 7 Ga. 1 1/4" x 10" joggled hinge reinforcement, drilled and tapped

12 Ga. mortise hardware tabs, drilled and tapped

14 Ga. surface hardware and trim reinforcement, drilled and tapped

Edge reinforcement

Both edges reinforced with 16 Ga. full length channels spot welded to the face sheets

Vertical edges

Fully welded with no visible seam (for doors up to 4' wide and 8' height

Glazing Glazing and Glazing Frame shall be listed for UL 752, Level 3

(Size per listing, minimum 12 x 12 in).

Note: Glass should be cut 1/4" less than door cut out. Exposed glass opening is 1

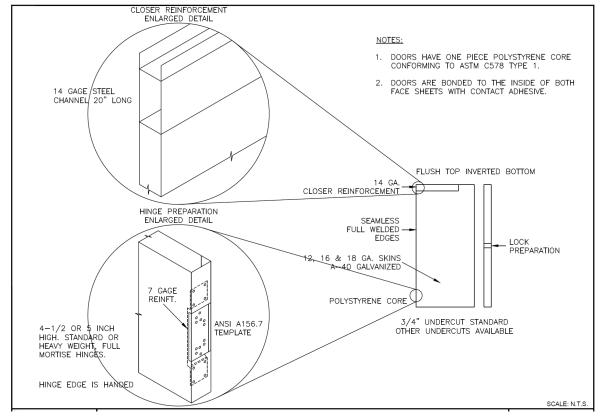
5/16" less than cutout dimensions.

Handing Doors are handed

Appearance Faces and edges free of defects, warp and buckle

Finish Thoroughly cleaned and coated with a rust inhibiting primer meeting

requirements as per ANSI/SDI A250.10





### 1803 Steel Stiffened Door / Bullet Resistant UL 752 Level 3

Face Material Galvannealed A40 or A60 ASTM-A-653 Face thickness 12 Ga. (.09444 min. thickness) CS type B

Construction Hollow metal with vertical steel stiffeners (ribs). Space between ribs

Insulated with glass wool insulation

Door thickness 1 3/4" Standard

Hardware Locations Any specified location. Door hardware Certified and Listed for UL 752 Level 3

application

Reinforcements 7 Ga. 1 1/4" x 10" joggled hinge reinforcement, drilled and tapped

12 Ga. mortise hardware tabs, drilled and tapped

14 Ga. surface hardware and trim reinforcement, drilled and tapped

Steel Stiffeners 6" from edge of door, 6 " on center 18 Ga.

Edge reinforcement Vertical and horizontal edges reinforced with 16 Ga. (min) full

length channels spot welded to the face sheets

Vertical edges Fully welded with no visible seam (for doors up to 10' height and 4' width)

Glazing Glazing and Glazing Frame shall be listed for UL 752 Level 3

(Size per listing, minimum 12 x 12 in)

Note: Glass should be cut 1/4" less than door cut out. Exposed glass

opening is 1 5/16" less than cutout dimensions.

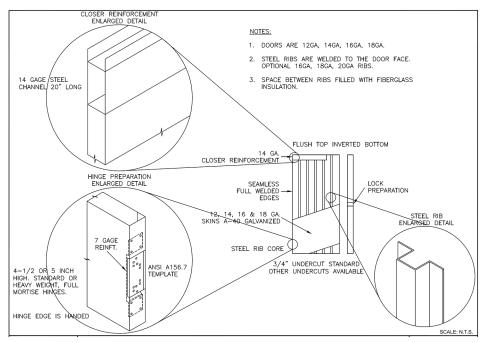
Handing Doors are handed

Appearance Faces and edges free of defects, warp and buckle

Finish Thoroughly cleaned and coated with a rust inhibiting primer meeting

requirements as per ANSI/SDI A250.10

Options UL Labeling requirements as specified





# Welded Frames 1703 and 1803 Bullet Resistant Doors UL 752 Level 3

Material Galvannealed A40 ASTM-A-653

Thickness 12 Ga. Frames labeled for UL 752 Level 3 shall have 16 Ga steel reinforcement spot welded

Into frames.

Construction Mitered and welded face and back alternatively welded face only

Appearance Square, true and free of defects, warp and buckle

Hardware 7 Ga. 1 1/4" x 10" joggled hinge reinforcement, drilled and tapped. 12 Ga hardware

reinforcements.

Backwelded for additional strength. Also mortised, enforced, drilled and tapped at the factory for hardware in accordance with approved schedule and templates provided by hardware contractor. Strike jambs prepared for three rubber silencers, unless otherwise specified

Anchors Anchors as specified. For standard frames, four 16 Ga. weld in sill anchors per jamb

Guards Dust covers on all frames. Mortar guards on frames for masonry walls.

Spreaders Temporary spreader bars welded to the bottom of all three sided frames. To be removed

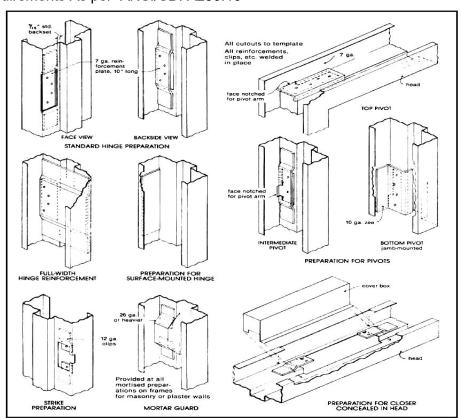
before installation

Marking Embossed with opening numbers above the middle hinge. In the jamb for continuous hinge

frames. Frames and Doors labeled for UL 752 Level 1 or UL 752 Level 3

Finish Thoroughly cleaned and coated with a rust inhibiting primer meeting

requirements As per ANSI/SDI A250.10





## MODEL 1701/1703 AND 1801/1803 BALLISTICS ANCHORS

