

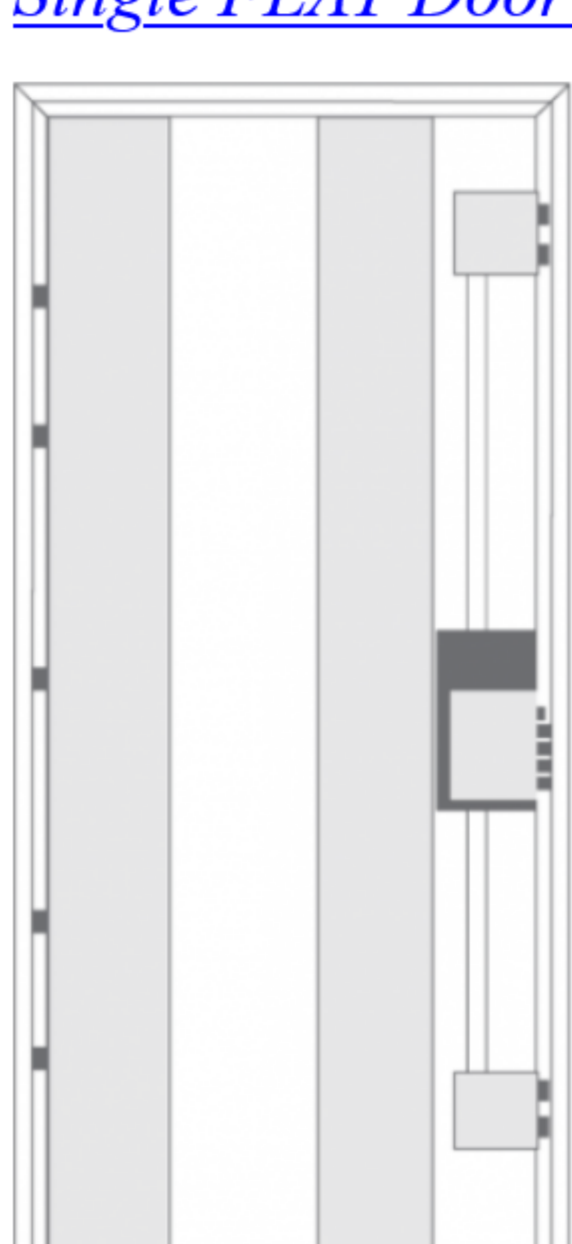
## Single FLAT Door – Cut Away View

master-flat

### This Door Model Includes:

<b>Door Leaf</b> – Galvanized Steel
<b>Base Frame</b> – Galvanized Steel, Frame Squaring Bars
<b>Trim Frame</b> – Galvanized Steel, Painted, Clear Coat Finish – RAL Color Range, or PVC Coated – White, Brown, Black, Gray Colors
<b>Limited Lifetime Warranty</b> – Leaf, Base Frame and Finish Frame
<b>Sound Proofing System</b> – Insulation and Gasket
<b>Locking System</b> – Lock Box, Eight (8) Operable Bolts, Lock Cylinder with Three (3) Keys and Replacement Code, Five (5) Hinge Side, Fixed, Lifting Control Bolts
<b>Hinges (2)</b> – “Concealed”, Heavy-duty, Adjustable, Ball Bearing Type, Open 120 Degrees
<b>Surface Design Panels (2)</b> – Interior and Exterior Surfaces. <a href="#">See -&gt; Surface Panel Design Options</a>
<b>Door Hardware</b> – Assembly Hardware, Handle Set, Lock Knob, Spy-Eye Peephole, Lock Cylinder Protector, Matching Trim Rings and Covers. <a href="#">See -&gt; Hardware and Accessories</a>
<b>Sill Plate and Decorative Nosing</b> – Standard or Weatherstop Type, Sill Nosing – Aluminum, Satin Nickel, Bronze, Gold, White Finishes
<b>Installation Instructions</b> – On-line and Booklet

### Single FLAT Door – Outline



### Classifications:

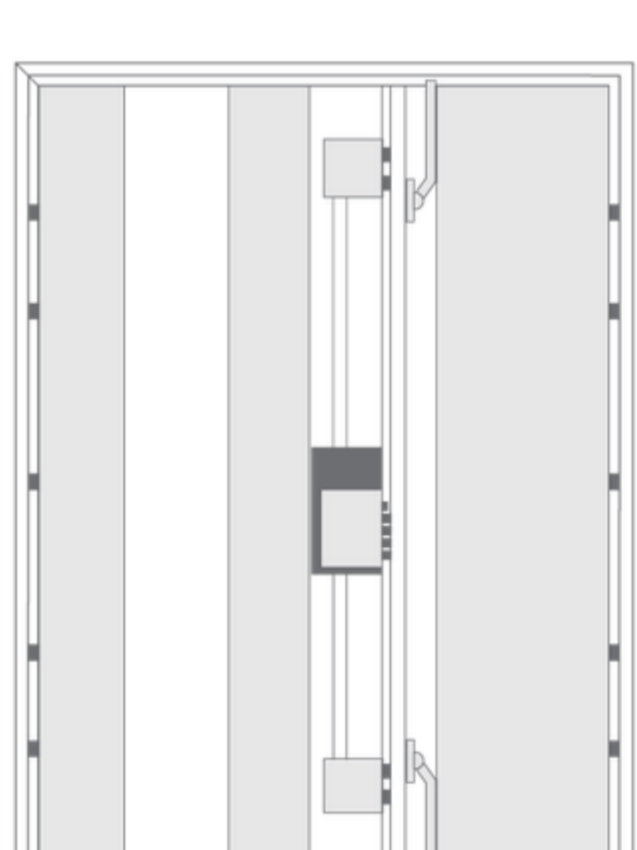
BURGLAR RESISTANCE CERTIFICATION CLASS	Class 3 EN 1627
SOUND PROOFING RW	41 dB
THERMAL INSULATION Ud (W/m²K )	1.5
AIR PERMEABILITY CLASS	Class 1
WIND LOAD RESISTANCE	Class 5
WATER TIGHTNESS	Not Rated
FIRE RATING	Not Rated

### Door Specifications:

Base frame	Material	Galvanized steel (UNI EN 10142)
	Thickness	14 Ga. (2 mm – 20/10)
	Regulation	Eight (8) adjustment brackets
	Wall anchor system	Four (4) or more attachment points each side
	Weight	15 kg (33 lbs)
Trim frame	Material	Galvanized steel (UNI EN 10142)
	Finishing	Lacquered – Painted RAL color range with Clear Coat Finish or PVC Coated
	Thickness	14 Ga. (2 mm – 20/10)
	Regulation	Vertical and horizontal with 8 screws and latch adjusting device
	Gasket	Weatherstripping on three (3) sides, Acoustic Type
Door Leaf	Structure	16 Ga. (1.5 mm – 15/10) Galvanized steel sheet stiffened with 2 omega-shaped pieces + lock reinforcement plate, 12 Ga. (3 mm – 30/10) thickness
	Insulation	Soundproofing and insulating materials
	Hinges	Three (3), adjustable up / down and side to side, made from drawn steel, diam. 22 mm, 10 mm mm diam., ball bearing pin (Open 120 degrees)
	Fixed bolts	Five (5) fixed lifting control bolts
	Side profile	Galvanized sheet steel prefilmed with PVC on the external side, with perimeter seal
	Weatherstrip	Automatic adjustable weather strip
	Covering	Customer specified surface panels
	Notes	N/A
	Weight	65 kg (187 lbs)
	Closing group	Lock Type
Bolts		Lock Box with Four (4) central 18 mm diameter at the latch, protrude 40 mm, plus 2 lower and 2 upper side bolt each 18 mm diam, protrude 30 mm
Features	Soundproofing	Rw = 41 dB
	Thermal insulation	W/m²K = 1.5
	Air permeability	Class 1
	Resistance to wind load	Class 5
	Water tightness	N/A
	Fire Rating	N/A

### Double FLAT

#### Double FLAT Outline



### Included With This Door System:

<b>Door Leaf (2)</b> – Galvanized Steel
<b>Base Frame</b> – Galvanized Steel, Frame Squaring Bars
<b>Trim Frame</b> – Galvanized Steel, PVC Coated – White, Brown, Black, Gray Colors. <b>Optional – Painted, Clear Coat Finish</b> – RAL Color Range
<b>Limited Lifetime Warranty</b> – Leaf, Base Frame and Finish Frame
<b>Sound Proofing System</b> – Insulation and Gasket
<b>Locking System</b> – Lock Box, Eight (8) Operable Bolts, Lock Cylinder with Three (3) Keys and Replacement Code, Ten (10) Hinge Side, Fixed, Lifting Control Bolts; Semi-Fixed Leaf – 1 Upper Vertical Lever Bolt, 1 Lower Lever Bolt
<b>Hinges (6)</b> – “Concealed”, Heavy-duty, Adjustable, Ball Bearing Type, Open 120 Degrees
<b>Surface Design Panels (4)</b> – Interior and Exterior Surfaces. <a href="#">See -&gt; Surface Panel Design Options</a>
<b>Door Hardware</b> – Assembly Hardware, Handle Set, Lock Knob, Spy-Eye Peephole, Lock Cylinder Protector, Matching Trim Rings and Covers. <a href="#">See -&gt; Hardware and Accessories</a>
<b>Sill Plate and Decorative Nosing</b> – Standard or Weatherstop Type, Sill Nosing – Aluminum, Satin Nickel, Bronze, Gold, White Finishes
<b>Installation Instructions</b> – On-line and Booklet

### Classifications:

BURGLAR RESISTANCE CERTIFICATION CLASS	Class 3 EN 1627
SOUND PROOFING RW	29 dB Min – 41 dB Max.
THERMAL INSULATION Ud	W/m²K Min. 2.1 – Max. 0.91
AIR PERMEABILITY CLASS	Class 1
WIND LOAD RESISTANCE	Class 5
WATER TIGHTNESS	7A
FIRE RATING	Not Rated

### Door Specifications:

Base frame	Material	Galvanized steel (UNI EN 10142)
	Thickness	14 Ga. (2 mm – 20/10)
	Regulation	Eight (8) adjustment brackets
	Wall anchor system	Four (4) or more attachment points each side
	Weight	18 kg (40 lbs)
Trim frame	Material	Galvanized steel (UNI EN 10142)
	Finishing	PVC Pre-filmed on both sides. Color: Brown, Optional – Painted RAL color range with Clear Coat Finish
	Thickness	14 Ga. (2 mm – 20/10)
	Regulation	Vertical and horizontal with 8 screws and latch adjusting device
	Gasket	Weatherstripping on three (3) sides, Acoustic Type
Door Leaf	Structure	16 Ga. (1.5 mm – 15/10) Galvanized steel sheet stiffened with 2 omega-shaped pieces + lock reinforcement plate, 12 Ga. (3 mm – 30/10) thickness. Semi-Fixed Leaf – 16 Ga. (1.5 mm – 15/10) Galvanized stiffened steel + 1/2 omega piece, lock reinforcement 16 Ga. (1.5 mm – 15/10) thickness
	Insulation	Soundproofing and insulating materials
	Hinges	Six (6), adjustable up / down and side to side, made from drawn steel, diam. 22 mm, 10 mm mm diam., ball bearing pin (Open 120 degrees)
	Fixed bolts	Ten (10) fixed lifting control bolts
	Side profile	Galvanized sheet steel prefilmed with PVC on the external side, with perimeter seal
	Weatherstrip	Automatic adjustable weather strip
	Covering	Customer specified surface panels
	Notes	N/A
	Weight	95 kg (187 lbs), Main Leaf – 50 kg, Semi Fixed Leaf – 45 kg (variable)
	Closing group	Lock Type
Bolts		Lock Box with Four (4) central 18 mm diameter at the latch, protrude 40 mm, plus 2 lower and 2 upper side bolt each 18 mm diam, protrude 30 mm. Semi-Fixed Leaf – 1 Upper Lever, diam. 18mm protruding 20mm vertical + 1 lower lever protruding 20mm vertical to floor.
Features	Soundproofing	Rw = 28 dB
	Thermal insulation	W/m²K = 1.8
	Air permeability	Class 1
	Resistance to wind load	N/A
	Water tightness	N/A
	Fire Rating	N/A