

## Single Hi- Tech Door

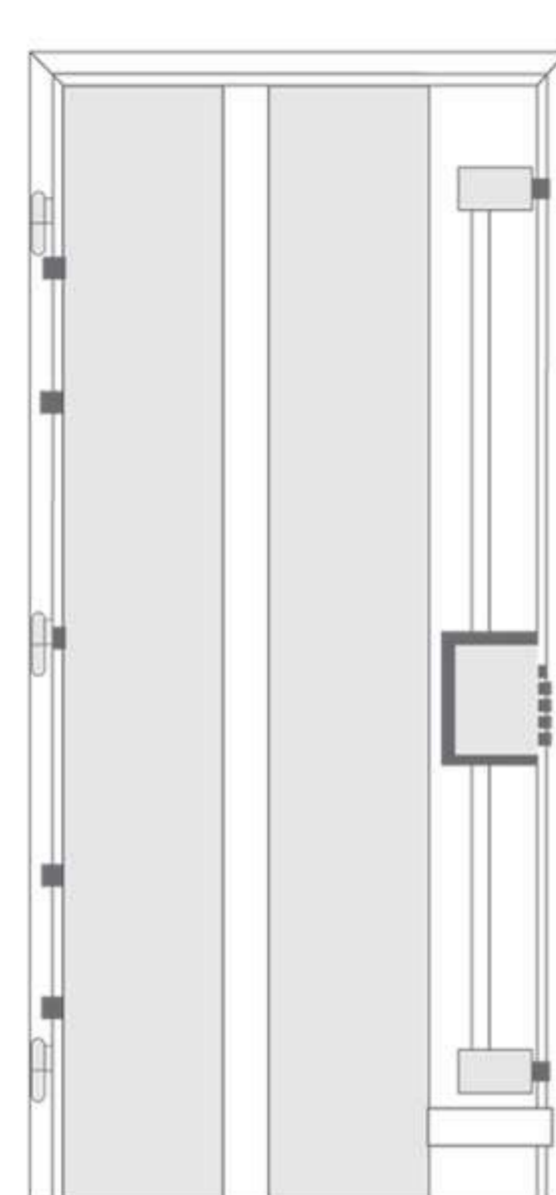
### Single Hi-Tech Door – Cut Away View



### This Door Model Includes:

<b>Door Leaf – Galvanized Steel</b>
<b>Base Frame – Galvanized Steel, Frame Squaring Bars</b>
<b>Trim Frame – Galvanized Steel, PVC Coated – White, Brown, Black, Gray Colors. Optional – Painted, Clear Coat Finish – RAL Color Range</b>
<b>Limited Lifetime Warranty – Leaf, Base Frame and Finish Frame</b>
<b>Sound Proofing System – Insulation and Gasket</b>
<b>Locking System – Electronic Locking System, 12 Vdc Interface, Six (6) Operable Bolts, Lock Cylinder with Three (3) Keys and Replacement Code, Five (5) Hinge Side, Fixed, Lifting Control Bolts</b>
<b>Hinges (3) – Heavy-duty, Adjustable, Ball Bearing Type; “Concealed Hinges” on the Tech FLAT Model, Open 120 Degrees</b>
<b>Surface Design Panels (2) – Interior and Exterior Surfaces. See -&gt; <a href="#">Surface Panel Design Options</a></b>
<b>Door Hardware – Assembly Hardware, Handle Set, Lock Knob, Spy-Eye Peephole, Lock Cylinder Protector, Matching Trim Rings and Covers. See -&gt; <a href="#">Hardware and Accessories</a></b>
<b>Sill Plate and Decorative Nosing – Standard or Weatherstop Type, Sill Nosing – Aluminum, Satin Nickel, Bronze, Gold, White Finishes</b>
<b>Installation Instructions – On-line and Booklet</b>

### Single Hi-Tech Door – Outline



### Classifications:

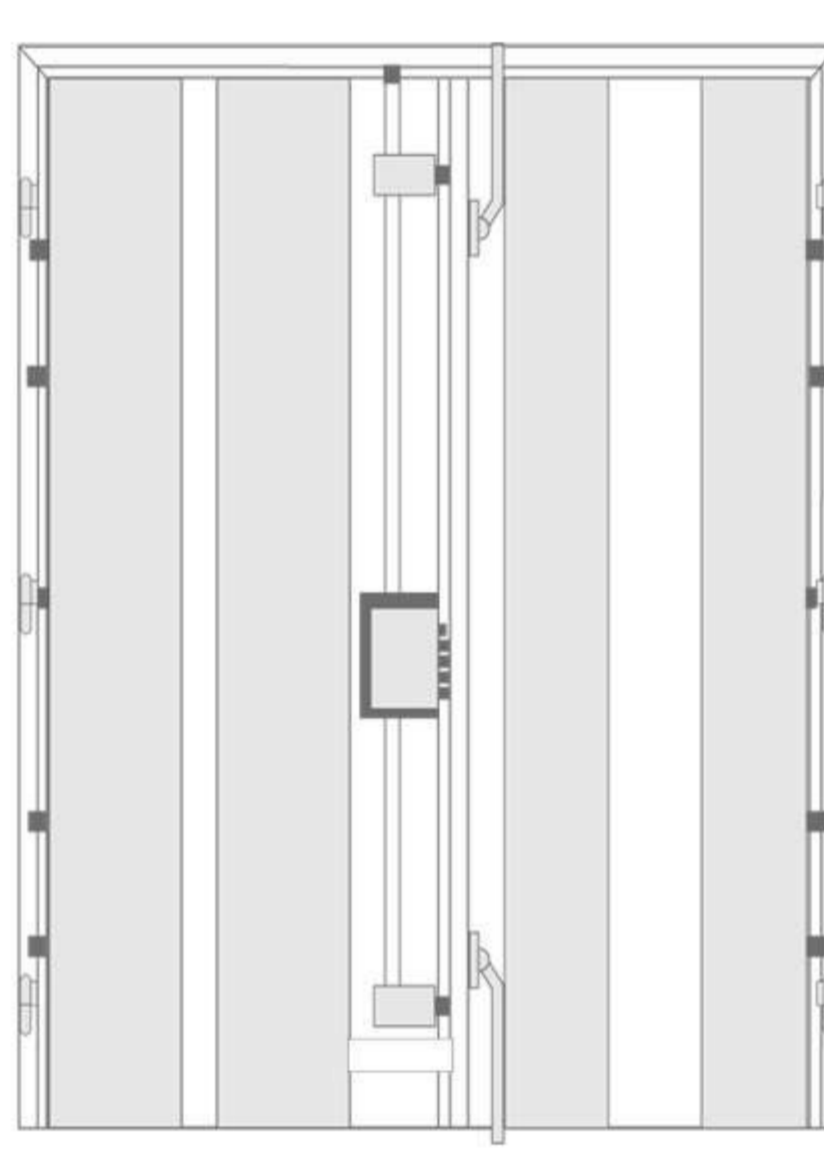
BURGLAR / INTRUSION RESISTANCE CERTIFICATION	Class 3 EN 1627
SOUNDPROOFING RW	39 dB Min. to 41 db Max. (Varies by Surface)
THERMAL INSULATION Ud (W/m²K)	1.6 Min. to 0.91 Max., (Varies by Surface)
AIR PERMEABILITY CLASS	Class 1 to Class 4, (Varies by Surface)
WIND LOAD RESISTANCE	Class 5
WATER TIGHTNESS	Not Tested
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
	Weight	15 kg (33 lbs)
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 perimetric 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 = from 39dB to 41 dB (depending on Panel thickness)
	Thermal insulation	W/m²K = from 1.6 to 0.91 (depending on Panel thickness and Options)
	Air permeability	Class 1 to Class 4 (depending on Panel thickness)
	Resistance to wind load	Class C5
	Water tightness	N/A
Fire Rating	N/A	

## Double Hi- Tech Door

### Double Hi- Tech Door – Outline



### Included With This Door System:

<b>Door Leaf (2) – Galvanized Steel</b>
<b>Base Frame – Galvanized Steel, Frame Squaring Bars</b>
<b>Trim Frame – Galvanized Steel, PVC Coated – White, Brown, Black, Gray Colors. Optional – Painted, Clear Coat Finish – RAL Color Range</b>
<b>Limited Lifetime Warranty – Leaf, Base Frame and Finish Frame</b>
<b>Sound Proofing System – Insulation and Gasket</b>
<b>Locking System – Electronic Locking System, 12 Vdc Interface, Seven (7) Operable Bolts, Lock Cylinder with Three (3) Keys and Replacement Code, Ten (10) Hinge Side, Fixed, Lifting Control Bolts; Semi-Fixed Leaf – One (1) Upper Vertical Lever Bolt, One (1) Lower Lever Bolt</b>
<b>Hinges (6) – Heavy-duty, Adjustable, Ball Bearing Type, “Concealed Hinges” on the Tech FLAT Model, Open 120 Degrees</b>
<b>Surface Design Panels (4) – Interior and Exterior Surfaces. See -&gt; <a href="#">Surface Panel Design Options</a></b>
<b>Door Hardware – Assembly Hardware, Handle Set, Lock Knob, Spy-Eye Peephole, Lock Cylinder Protector, Matching Trim Rings and Covers. See -&gt; <a href="#">Hardware and Accessories</a></b>
<b>Sill Plate and Decorative Nosing – Standard or Weatherstop Type, Sill Nosing – Aluminum, Satin Nickel, Bronze, Gold, White Finishes</b>
<b>Installation Instructions – On-line and Booklet</b>

### Classifications:

BURGLAR / INTRUSION RESISTANCE CERTIFICATION	Class 3 EN 1627
SOUNDPROOFING RW	28 dB
THERMAL INSULATION Ud (W/m²K)	1.9 Min. to 1.8 Max., Varies by Surface
AIR PERMEABILITY CLASS	Class 1
WIND LOAD RESISTANCE	Not Tested
WATER TIGHTNESS	Not Tested
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
	Weight	17 kg (38 lbs)
Door Leaf	Structure	Main Leaf – 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. (Flat Option – Open 120 degrees)
	Fixed bolts	Ten (10) fixed lifting control bolts
	Side profile	Galvanized sheet steel prefilmed with PVC on the external side, with perimetric 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		Electronic Lock, 12 Vdc Interface 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 (Manual), diam. 18mm protruding 20mm vertical + 1 Lower Lever (Manual) protruding 20mm vertical to floor.
Features	Soundproofing	Rw = from 39dB to 41 dB (depending on Panel thickness)
	Thermal insulation	W/m²K = from 1.6 to 0.91 (depending on Panel thickness and Options)
	Air permeability	Class 1 to Class 4 (depending on Panel thickness)
	Resistance to wind load	Class C5
	Water tightness	N/A
Fire Rating	N/A	