

### It Looks Like A Basic Commercial Door, But Inside Is The Strength To Stop a 30.06 Caliber Bullet



Lock Holes in Frame



Lock and Handle Holes



Adjustable Hinges

#### Feature:

- Internal Ballistic and Manganese Panels
- Durable Construction
- Reinforced Steel Lock and Hinge-Side Reinforcements plus Hinge Protection Box
- Integrated Subframe
- Adjustable Hinges

#### Benefit:

- Stops high-powered weapon attack (Ballistic Rating 30.06 Caliber and Leaf Ballistic Rating of 4)
- Resists heat, humidity, warping and delaminating, easy maintenance, long lasting trouble-free operation
- Additional security against forced entry, ideal for courthouses, detention centers and prisons, schools, retail stores, others
- Reduces installation time and expense, precision fit
- Easy to adjust even after installation, Up-down and side-to-side

#### Panels:

- Painted Steel
- Colors: White, Beige and Grey

#### Applications:

Apartment buildings, dormitories, military barracks, hotels, schools, hospitals, industrial buildings, office buildings, airports, convention centers and others

#### Certifications:

N.A.



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# FACTORY SPECIFICATIONS

# Hollow Metal Series - Model Cal 30.06

<b>Gauge of Frame</b>	14 (2mm)
<b>Gauge of Leaf</b>	18 (1,2mm)
<b>Thickness of Leaf</b>	1,77" (45mm)
<b>Type of metal for frames and Leaf</b>	Frame = Pickled Steel sheet    Leaf = Galvanized Steel sheet
<b>Rust treatment (Pre-Treated)</b>	Frame = Pickled Steel sheet    Leaf = Galvanized Steel sheet
<b>Available Leaf Sizes (Widths and Heights)</b>	Standard Sizes 36"-42"-48" Widths (914-1066-1218mm) 84" Height (2134mm)  Custom capabilities According to Technical Feasibility
<b>Available Jamb Widths</b>	2-9/16" (65mm)
<b>Available Jamb Depths</b>	6-1/4" (158mm)
<b>Standards meet or exceeded (ASTM, ANSI etc)</b>	N.A.
<b>Certifications (rating, testing agency, test number, configuration)</b>	N.A.
<b>Type of panels (Styles/designs, materials, application guidance, colors)</b>	N.A.
<b>Locks (Requirements for use of alternative locksets)</b>	SCHLAGE (Ingersoll Rand) or SARGENT (Assa Abloy) or similar locks
<b>Latch Systems and latch adjustment mechanism (adjustment detail)</b>	SCHLAGE LOCK (Ingersoll Rand)
<b>Mechanical or Laser cut Keys</b>	Mechanical
<b>Available Prepped for Electrical</b>	Yes (According to technical feasibility)
<b>Door Handing</b>	Right or Left
<b>Hinges - Sizes, Number</b>	3 Hinges Assembly: 1x3 Hinge Male (2.688"x2.170") and 1x3 Hinge Female (1.158"x2.520")
<b>Pins (Pins inside the hinges)</b>	YES
<b>Studs</b>	NO
<b>Reinforcements (thickness, spacing, locations, etc.)</b>	Reinforcement lock side 1.32"x1.37"x0.078" Thk. Reinforcement hinges side 1.35"x1.37"x0.078" Thk.
<b>Predrilled</b>	Yes
<b>Pre-hung</b>	Yes
<b>Primed Frames and Leaf (for no panel options), type of paint, see Amweld steel doors and frames Spec Data sheet 08110 Table 4 - Amweld Paint Specifications))</b>	Alcea T532 Polyurethane enamel - 9909 Catalysing - 2/1 volume ratio
<b>Painted (for no panel options), type of paint</b>	Polyurethane enamel
<b>Paint colors available (for no panel options), type of paint</b>	White - Beige - Grey
<b>Handles (requirements /options for alternate handle sets)</b>	Hoppe
<b>Peepholes</b>	N.A.
<b>Sweeps (type -standard /optional)</b>	N.A.
<b>Sills (standard and optional - i.e. handicap)</b>	N.A.
<b>Gasketing, seals, weatherstripping (standard and optional)</b>	Intumescent Gasket
<b>Electric Locking options (pin pad, card reader, biometrics)</b>	SARGENT or SCHLAGE or other similar lock
<b>Frames Install Applications: Concrete, Subframe/Frame, Wood Stud, Steel Stud, Wrap-around</b>	Concrete, Wood stud and Steel
<b>Design of Frames: Subframe/Frame, Wrap around, Single Rabbet, Double Rabbet, Cased Open</b>	ALL
<b>Sub Frame assembly detail</b>	Detail With Shop Drawing
<b>Finished Frame assembly detail</b>	Detail With Shop Drawing
<b>Anchorage (see installation instructions - number of anchors, type, size, locations, any additional requirements per each model)</b>	Detail With Shop Drawing
<b>Core Materials</b>	Polypropylene
<b>Fire Rating (Standard and optional)</b>	N.A.
<b>Temperature Rise Rating</b>	N.A.
<b>STC Rating - Tested in accordance with ASTM E90 &amp; E413</b>	N.A.
<b>U-Factor</b>	0.285
<b>R-Factor</b>	3.5
<b>Type of metal seams (i.e. seamless, welded, folded, etc.)</b>	Welded, Folded
<b>120 hr continous salt spray test per ASTM B117</b>	N.A.
<b>240 hr continous humidity test per ASTM D4585</b>	N.A.
<b>Physical Endurance (Cycle Testing) (Handles exceed standards)</b>	182,500 for Residential and 255,500 for Non-Residential
<b>Protective film on panel - (packaging /shipping info)</b>	Yes
<b>Individually packaged in cardboard (packaging /shipping info) or other packaging method</b>	Yes
<b>Fully plastic wrapped (packaging /shipping info)</b>	Yes
<b>Door and Frame Construction Certification Labels</b>	N.A.
<b>SDI Level</b>	4
<b>Leaf Ballistic Rating Level (standard and optional) - (i.e Level 1 through Level 8)</b>	4
<b>Frame Ballistic Rating Level (i.e. Level 1 through Level 8)</b>	4
<b>Ballistic Ratings (ammunition type &amp; associated muzzle /minimum velocities, shell grains)</b>	30.06 caliber; 2702 Ft/Sec; 180 grain lead core soft point
<b>Ballistic lockset /handles (standard and optional suppliers)</b>	N.A.
<b>Separate Warranty sheet</b>	Check with Supplier
<b>Warranty (only if different from the Warranty sheet)</b>	Check with Supplier
<b>Component supplier - Manufacturer's installation instructions and adjustment procedures</b>	Check with Supplier
<b>Optional hardware and supported manufacturers (panic release bars, single turn locking capability)</b>	Panic release bar: must contact manufacturer. Single turn locking: available only from Interior
<b>Glass (standard and optional) thickness, security and thermal ratings, certification levels</b>	N.A.
<b>Storage Requirements</b>	Covered and protected area
<b>Any truly special features or functions or options</b>	N.A.
<b>Weight of Door (lbs)</b>	480 lbs Approx ( 240 Kg approx )