



Acoustical

# Hollow Metal Doors, Frames, and Specialty Building Products



Blast and Pressure Resistant



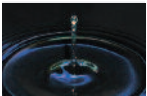
Bullet Resistant



Lead Lined



Stainless Steel



Sanitary and Watertight



Environmentally Healthy



LEED® Certification

## Specialty Doors and Frames for Maximum Security, Safety, and Convenience



Many years of design, engineering, and manufacturing specialization make Security Metal Products today's premier provider of quality doors and frames for custom applications.

We offer many options for important end-user needs:

- Acoustical
- Blast and Pressure Resistance
- Bullet Resistance
- Lead Lined
- Stainless Steel
- Sanitary and Watertight
- Environmentally Healthy
- LEED Certification

As a pioneer in many technological advances and services that result in successful, long-lasting openings, we pride ourselves on the following:

- Breadth of product offering and variety of options
- Custom configurations - "If you can conceive it, we can build it"
- Thorough and complete project management services from an experienced team
- Products manufactured for strength and durability
- 5 Year warranty on all products
- Competitive pricing
- Fast lead times

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*We're serious about the important role doors and frames have in protecting a building's occupants.*

Ask how our products meet the important requirements of these groups:

<b>ATFP</b>	Anti-Terrorism Force Protection
<b>DHS</b>	Department of Homeland Security
<b>DOD</b>	Department of Defense
<b>DOE</b>	Department of Energy
<b>GSA</b>	General Services Administration
<b>PIPITC</b>	Petrochemical Industry Standard
<b>UL</b>	Underwriters Laboratories





# Acoustical Doors and Frames

## Key Features and Benefits

Offering the utmost in sound reduction, our acoustical doors and frames come in a variety of hollow metal and wood styles to fit any commercial setting. Our broad offering includes steel, stainless steel, and wood door assemblies, plus steel and stainless steel window frames.

Custom engineering allows aesthetic choices to be combined with technical requirements:

- Certified and third-party tested in accordance with ASTM E90 and E413 standards
- Welded seamless door edge; continuously welded frames
- Doors are 1-3/4" thick and are available in flush, narrow or small vision, half-glass designs
- Wood veneer doors available in several attractive finishes
- Quiet Vision™ window frames available
- STC 47-53 assemblies include Gravity Glide™ cam-lift hinges, compression seals, door bottoms, and thresholds as a complete package
- STC 46 and below include seals, door bottoms, and thresholds as a complete package
- Split STC frames are available for easy and effective retrofit applications

## Acoustical Charts

## Where to Use

- Government facilities including courthouses and interrogation rooms
- Military facilities including BEQ and SCIF rooms
- Healthcare facilities including patient rooms
- Hospitality including guest and meeting rooms
- K-12 and colleges - band rooms, residential life buildings
- Offices and conference rooms
- Performing arts centers/theatres
- Recording studios
- Stadiums and arenas

Doors								
Model No.	STC Rating	Lbs/Sq.Ft.	Perimeter Seal	Hinge Type	Threshold	Glass Area	Test Report	Notes
F55P	55	10.5	Adhesive	Continuous	Alum.	None	A5312.01A3	2-1/2" HM
F54CF	54	15.8	Compression	Gravity Glide	Alum./S.S.	None	C0906.02	1-3/4" HM
W53CF	53	13.5	Compression	Gravity Glide	Alum./S.S.	None	C3849.01E1	1-3/4" WD
F53C	53	15.8	Compression	Gravity Glide	Alum./S.S.	None	RAL-TL97-202	1-3/4" HM
F52U	52	14.6	Compression	Gravity Glide	Alum./S.S.	None	TL91-143B	1-3/4" HM
F51CF	51	15.8	Compression	Gravity Glide	Alum./S.S.	None	C0906.01	1-3/4" HM
WV51CF	51	13.5	Compression	Gravity Glide	Alum./S.S.	150 sq. in.	C3849.01E2	1-3/4" WD
W50C	50	13.6	Compression	Gravity Glide	Alum./S.S.	None	RAL-TL97-204	1-3/4" WD
F50P	50	16	Adhesive	Continuous	Alum.	None	A5310.01B	1-3/4" HM
F49C	49	15.8	Compression	Gravity Glide	Alum./S.S.	None	RAL-TL97-147	1-3/4" HM
F49M	49	13.4	Magnetic	Gravity Glide	Alum./S.S.	None	TL91-166	1-3/4" HM
F48C	48	12.7	Compression	Gravity Glide	Alum./S.S.	None	RAL-TL00-195	1-3/4" HM
F48M	48	15.8	Magnetic	Gravity Glide	Alum./S.S.	None	RAL-TL97-148	1-3/4" HM
V48C	48	14.4	Compression	Gravity Glide	Alum./S.S.	100 sq. in.	RAL-TL97-149	1-3/4" HM
F47C	47	15.8	Compression	Gravity Glide	Alum./S.S.	None	TL92-192	1-3/4" HM
F46CZ	46	10.6	Compression	Butts	Alum.	None	TL10-132	1-3/4" HM
V46C	46	14.6	Compression	Gravity Glide	Alum./S.S.	864 sq. in.	TL91-91	1-3/4" HM
F45CZ	45	8.7	Compression	Butts	Alum.	None	TL10-133	1-3/4" HM

Windows						
Model No.	STC Rating	Lbs/Sq.Ft.	Total Glass Area	Gasket Type	Glass Type	Test Report
DG57	57	28.3	21 sq. ft.	Silicon	3/8" Lam 1/2" Lam	RAL-TL97-150
DG50	50	16.2	16.5 sq. ft.	Silicon	1/4" Lam 1/2" Lam	TL92-104
SG40	40	16.2	16.5 sq. ft.	Silicon	1/2" Lam	TL92-105
SG36	36	16.2	16.5 sq. ft.	Silicon	1/4" Lam	TL92-103



# Blast and Pressure Resistant Doors and Frames

## Key Features and Benefits

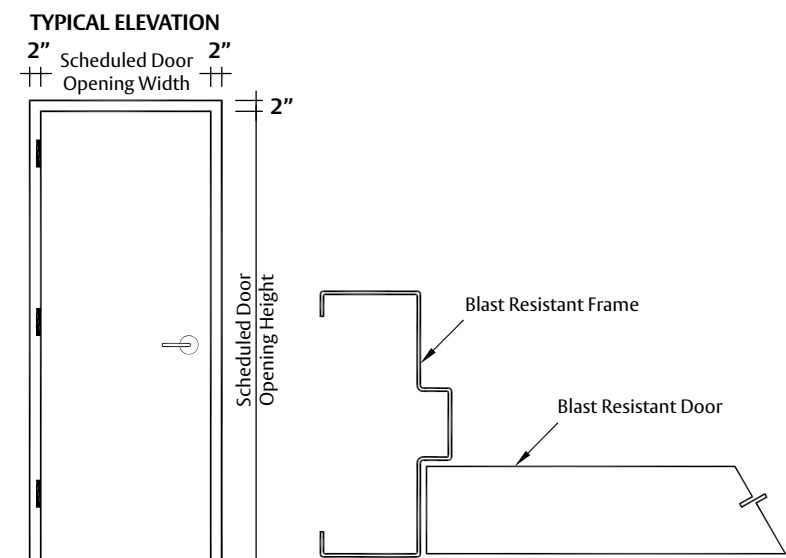
Providing extra protection against explosions and excessive force, our blast and pressure resistant doors and frames meet or exceed the stringent manufacturing requirements of the Department of Homeland Security and other regulatory groups. The advanced strength and integrity of these openings bring other important benefits: long life, high durability, and maximum corrosion resistance.

Custom engineering allows aesthetic choices to be combined with technical requirements:

- Made for exterior openings and high risk interior areas to resist pressure against a door
- Certified and third-party tested to meet all nationally required guidelines and legal requirements
- Pre-engineered products can resist +/-4 PSI force (per square inch); impulse load
- Custom products can resist in upwards of 30 PSI (per square inch) and 80 impulse load, depending on requirements
- Welded seamless door edge; continuously welded frames
- Standard 14 gauge, A60 galvanized steel (stainless available)

## Where to Use

- Airports
- Chemical storage areas
- Courthouses
- Embassies
- Government facilities
- Hospitals, e.g., oxygen storage areas
- Laboratories, research areas
- Military facilities
- Petrochemical facilities, refineries, oil rigs
- Pharmaceutical companies
- Police and fire stations





# Bullet Resistant Doors and Frames

## Key Features and Benefits

Fortified with ballistic armor that meets or exceeds UL requirements, our bullet resistant doors and frames provide the best protection for threat levels 1 through 8. These openings are designed and built to resist a projectile at maximum velocity. Added benefits are long-term strength and durability, and maximum corrosion resistance.

Custom engineering allows aesthetic choices to be combined with technical requirements:

- Made with a proprietary ballistic armor shield core
- Non-ricocheting armor UL levels 1-8 (levels 1-3 handguns, levels 4-8 rifles)
- Certified and third-party tested in accordance with UL752 standards
- Welded seamless door edge; continuously welded frames
- Standard 14 gauge, A60 galvanized steel (stainless available)
- Hollow metal, wood veneered hollow metal, and solid wood doors available to match any design requirement
- Bullet resistant glazing available

## Where to Use

- Airports
- Banks, check-cashing facilities
- Border patrol facilities
- Courthouses
- Police and fire stations
- Post offices
- Tollbooths
- Telecommunications facilities

## UL Ratings of Bullet Resistant Materials

Note: Maximum velocity is 110% of minimum velocity

Rating	Ammunition	Grain	(g)	Velocity Min. (fps)	Velocity Min. (mps)	No. of Shots
Level 1	9 mm Full Metal Copper Jacket with Lead Core	124	8	1175	358	3
Level 2	.357 Magnum Jacketed Lead Soft Point	158	10.20	1250	381	3
Level 3	.44 Magnum Lead Semi-Wadcutter Gas Checked	240	15.60	1350	411	3
Level 4	.30 Caliber Rifle Lead Core Soft Point	180	11.70	2540	774	1
Level 5	7.62 mm Rifle Lead Core Full Metal Copper Jacket, Military Ball	150	9.70	2750	838	1
Level 6	9 mm Full Metal Copper Jacket with Lead Core	124	8	1400	427	5
Level 7	5.56 Rifle Full Metal Copper Jacket with Lead Core	55	3.56	3080	939	5
Level 8	7.62 mm Rifle Lead Core Full Metal Copper Jacket, Military Ball	150	9.70	2750	838	5
Supplementary Shotgun	12 gauge Rifled Lead Slug	437	28.3	1585	483	3
12 Gauge	00 Lead Buckshot	650	42	1200	366	3

# Lead Lined Doors and Frames

## Key Features and Benefits

Achieve effective radiation protection with our full line of high quality lead lined doors and frames. These openings accomplish the important task of reliably containing radiation in sensitive areas.

Custom engineering allows aesthetic choices to be combined with technical requirements:

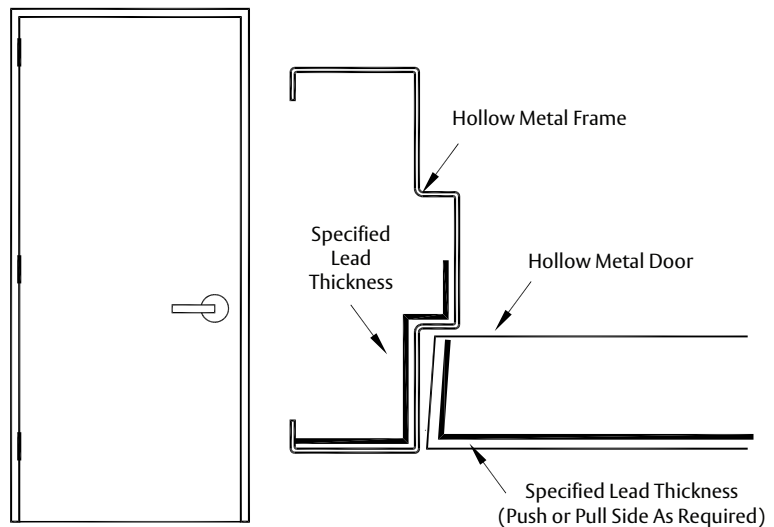
- Lead sheets, available in 1/32" to 1/2" thickness, integrated into door and frame for strength and vandal resistance
- Vertically steel stiffened doors for added strength and durability
- Standard 1-3/4" thick doors accommodate standard hardware
- Continuously welded, seamless door edge; continuously welded and lead lined frame
- Standard 16 gauge steel; 12-18 gauge available
- Standard A60 galvanized steel (stainless available)
- Wood veneered hollow metal doors available to match most design requirements



## Where to Use

- *Aerospace facilities - microwave transmission rooms*
- *Airports*
- *Defense, military, and security environments*
- *Healthcare - X-ray and imaging rooms*
- *Medical schools*
- *Nuclear power plants*

TYPICAL ELEVATION





# Stainless Steel Doors and Frames

## Key Features and Benefits

Sleek and beautiful stainless steel doors and frames offer an important practical feature for many building owners: corrosion resistance. Our stainless steel product line is the ideal solution for clean room environments and areas susceptible to moisture, while also providing significant safety and security.

Custom engineering allows aesthetic choices to be combined with technical requirements:

- Type 304 and 316 available
- Easy to maintain; long-term strength and durability
- Water tight/sanitary design available
- Continuously seamless welded door edge (key for corrosive environments); seamless top and bottom option
- Standard 16 gauge steel; 12 and 14 gauge available
- Lites and louvers optional
- Any commercial finish (#2B matte, #4 brushed, and #8 mirrored)

## Where to Use

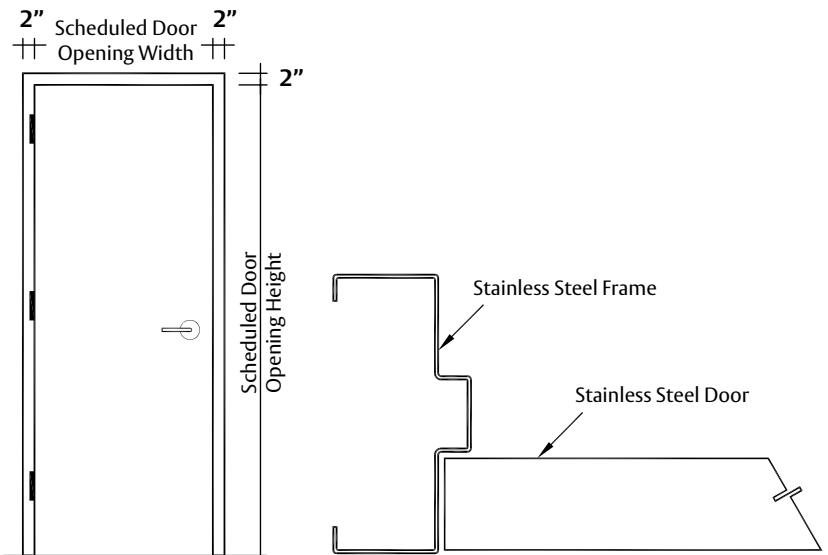
### Corrosive environments

- *Clean room environments*
- *Food processing plants*
- *Hospitals*
- *Laboratories*
- *Marine areas, piers, berths*
- *Swimming pool areas*
- *Waste water treatment plants*

### Highly-stylized environments

- *Casinos*
- *Hotel lobbies*
- *Museums*
- *Office buildings*

### TYPICAL ELEVATION





# Sanitary and Watertight Door Systems

## Key Features and Benefits

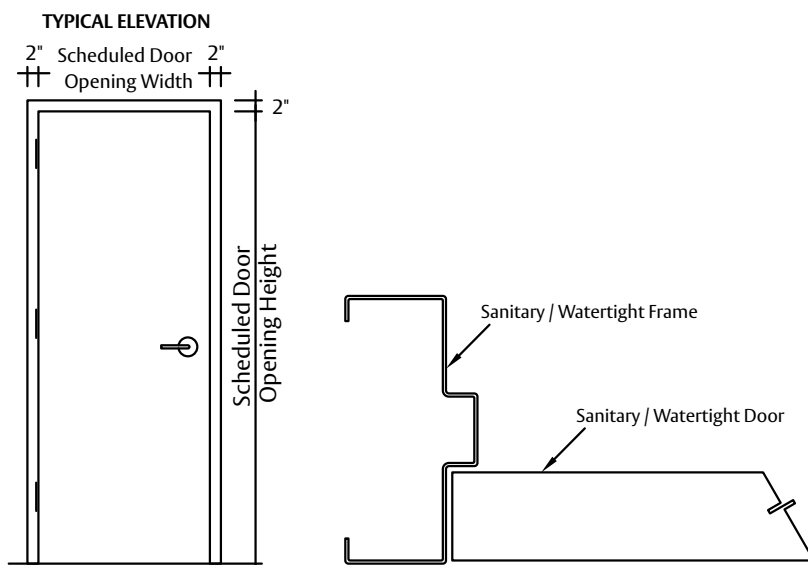
For specialized medical, laboratory, food processing and sanitary applications, Security Metal Products offers a custom sanitary and watertight solution to meet your job-specific requirements. Doors are specifically designed so that either a heavy wash-down or pressure washing can be done without compromising the interior construction of the door. Hardware reinforcements in doors and frames are provided in a sealed condition, allowing for cleaning fluids to drain.

Custom engineering allows aesthetic choices to be combined with technical requirements:

- Sealed door core
- Welded Seamless door edge
- G90 galvanized or stainless steel as required
- Custom sanitary door vision lights available
- 12 gauge through 16 gauge door face sheets
- Frames continuously welded
- 12 gauge through 16 gauge frames available
- Factory prime paint
- Pest resistant
- Easy wipe-down and cleaning
- Maximum corrosion resistance
- Observation and safety
- Long term strength and durability
- Penetration resistance and strength
- Superior adhesion of finish coat

## Where to Use

- Chemical storage areas
- Clean room environments
- Food processing plants
- Hospitals
- Laboratories
- Marine areas, piers, berths
- Swimming pool areas
- Waste water treatment plants



**Specialty Doors**

**ASSA ABLOY**



# Environmentally Healthy Products

## Key Features and Benefits

Parents take great care to make sure the home is clean and safe from unhealthy toxins. As manufacturers, we have a responsibility to make sure schools are also considered a safe haven from contagions. Volatile Organic Compounds (VOCs) from paints and coatings, formaldehyde from wood products, and phthalates from adhesives are some of the types of air pollution that can be found in building materials.

Security Metal Products has taken the steps to insure the doors and frames we manufacture help keep the atmosphere for buildings free from chemicals that can harm developing young bodies. Security Metal Products doors have been tested and certified by the GREENGUARD Environmental Institute to meet the criteria of their Children and Schools Certification Program. GREENGUARD is nationally recognized for helping improve indoor air quality in buildings.

The GREENGUARD Children & Schools Certification Program's requirements also comply with:

- State of California's Department of Public Health Services Standard Practice for Specification Section 01350 (California Section 01350) for testing chemical emissions from building products used in schools and other environments.
- CHPS Best Practices Manual for K-12 schools
- US Green Building Council's LEED® Green Building Rating Systems
- Green Guide for Healthcare
- NAHB Green Building Guidelines
- Green Globes
- And many other building codes, standards and specifications

## Where to Use

- *K-12 and colleges - band rooms, residential life buildings*
- *Child and adult care facilities*
- *Healthcare facilities including patient rooms*
- *Hospitality including guest and meeting rooms*
- *Offices and conference rooms*
- *Performing arts centers/theatres*



# LEED® Certification Contribution

## Key Features and Benefits

When it comes to being environmentally friendly, building owners, architects, and designers measure themselves by using the LEED Certification System. When the USGBC (United States Green Building Council) introduced LEED in 1998, it gave the building industry a way to truly measure their efforts with the design and construction of green buildings.

SECURITY METAL PRODUCTS can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED.

- **Materials and Resources (MR)**

- MR Credit 1.2 – Building Reuse

- MR Credit 4 – Recycled Content

- MR Credit 5 – Regional Material

- **Indoor Environmental Quality (IEQ)**

- IEQ Credit 4.1 and 4.2 – Low Emitting Materials – Adhesives & Sealants, Paints & Coatings

- IEQ Credit 8.1 and 8.2 – Daylight and Views

- **LEED for Schools Specific Credits**

- IEQ Credit 9 – Enhanced Acoustical Performance

- **LEED EBOM Specific Credits**

- MR Credit 3 – Sustainable Purchasing – Facility Alterations & Additions

- MR Credit 9 – Solid Waste Management – Facility Alterations & Additions



To continue leading in the implementation of environmental best practices STAPLES Center has developed an Environmental Management System (EMS) to guide employees in reducing the environmental impact of day to day operations. STAPLES Center currently has 1,727 solar panels installed on its rooftop.

## Where to Use

- K-12 and colleges - band rooms, residential life buildings
- Child and adult care facilities
- Healthcare facilities including patient rooms
- Hospitality including guest and meeting rooms
- Offices and conference rooms
- Performing arts centers/theatres



ASSA ABLOY is a member of the USGBC and CaGBC

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# ASSA ABLOY Door Security Solutions

ASSA ABLOY Door Security Solutions provides end-users with unsurpassed security and life-safety solutions, and the essential support services to ensure well-functioning doorway systems. This is all accomplished by combining the strengths of industry-leading door and hardware brands. Contact your local Door Security Solutions team for assistance.

## **Door Security Solutions - New England**

1317 Corbin Avenue  
New Britain, CT 06053  
Main: (860) 224-9234  
Fax: (860) 826-1103

## **Door Security Solutions - Upstate New York**

1151 Pittsford-Victor Road, Suite 220  
Pittsford, NY 14534  
Main: (585) 899-5280  
Fax: (585) 899-5287

## **Door Security Solutions - Metro New York**

290 Vincent Avenue  
Hackensack, NJ 07601  
Main: (201) 489-3709  
Fax: (201) 489-4504

## **Door Security Solutions - Tri-State**

274 Susquehanna Avenue  
Wyoming, PA 18644  
Main: (570) 693-3323  
Toll Free: (877) 825-3667  
Fax: (570) 693-5595

## **Door Security Solutions - Chesapeake**

9097 Atlee Station Drive, Suite 204  
Mechanicsville, VA 23116  
Main: (804) 730-9404  
Fax: (804) 730-9552

## **Door Security Solutions of the Carolinas**

1902 Airport Road  
Monroe, NC 28110  
Main: (704) 226-6184  
Fax: (704) 226-6365

## **Door Security Solutions of Florida**

3361 Rouse Road, Suite 110  
Orlando, FL 32817  
Main: (407) 788-0198  
Fax: (407) 788-0285

## **Door Security Solutions of the South**

4501 Circle 75 Parkway SE, Suite F-6140  
Atlanta, GA 30339  
Main: (678) 324-3551  
Fax: (678) 324-3556

## **Door Security Solutions - Mid America**

50 Crestwood Executive Center, Suite 308  
Crestwood, MO 63125  
Main: (314) 222-5566  
Fax: (314) 222-5544

## **Door Security Solutions - Mid Continent**

8001 Conser, Suite 100  
Overland Park, KS 66204  
Main: (913) 378-0109  
Fax: (913) 378-0107

## **Door Security Solutions of the Southwest**

2855 Marquis Drive, Suite 190  
Garland, TX 75042  
Main: (972) 665-0140 or (877) 900-8844  
Fax: (972) 665-0136 or (972) 665-0156

## **Door Security Solutions - Gulf Central**

11050 W. Little York, Suite B6  
Houston, TX 77041  
Main: (713) 460-5216  
Fax: (713) 460-5217

## **Door Security Solutions - North Shores**

28221 Beck Road, Unit A-3  
Wixom, MI 48393  
Main: (248) 347-9925  
Fax: (248) 347-9926

## **Door Security Solutions - North Central**

718 Foster Avenue  
Bensenville, IL 60106  
Main: (630) 594-1500  
Fax: (630) 594-1501

## **Door Security Solutions of Arizona**

2600 North 44th Street, Suite A100  
Phoenix, AZ 85008  
Main: (602) 494-3235 or (866) 494-3235  
Fax: (602) 494-3236

## **Door Security Solutions of Northern California**

161 Mitchell Blvd, Suite 200  
San Rafael, CA 94903  
Main: (415) 306-9000  
Fax: (415) 460-5424

## **Door Security Solutions of Southern California**

3305 E. Miraloma Avenue, Suite 170  
Anaheim, CA 92806  
Main: (714) 854-7300  
Fax: (714) 854-7325

## **Door Security Solutions of the Rockies**

2093 East 11th Street, Suite #150  
Loveland, CO 80537  
Main: (970) 635-9595  
Fax: (970) 669-0595

## **Door Security Solutions of the Pacific Northwest**

12825 Northeast 126th Place  
Kirkland, WA 98034  
Main: (425) 821-8863  
Fax: (425) 821-8385

## **Door Security Solutions of Hawaii**

909 Kaipii Street  
Kailua, HI 96734  
Main: (808) 263-3855  
Fax: (808) 263-2225

## **ASSA ABLOY Americas International**

2121 Argentia Rd, Suite 303  
Mississauga, ON L5N 2X4  
Main Phone: (905) 821-7775  
Fax: (905) 821-1429  
[www.assaabloyai.com](http://www.assaabloyai.com)

## ASSA ABLOY Door Group Service Centers

### **Northeast**

1000 Conroy Place  
Easton, PA 18040  
Phone: 610-559-2180  
Fax: 610-559-2190

### **Southeast**

825 Riverside Parkway  
Suite 100  
Austell, GA 30168  
Phone: 770-941-9012  
Fax: 770-941-9123

### **South Central**

2855 Marquis Dr.  
Suite 190  
Garland, TX 75042  
Phone: 972-272-0271  
Fax: 972-272-7829

### **Midwest**

235 East Lies Road  
Carol Stream, IL 60188  
Phone: 630-682-8800  
Fax: 630-682-8803

### **Southwest**

260 Santa Fe Street  
Pomona, CA 91767  
Phone: 909-593-2100  
Fax: 909-593-2500

### **Northwest**

7230 South 227 Place  
Kent, WA 98032  
Phone: 253-872-8174  
Fax: 253-872-0121



**Specialty Doors**

**ASSA ABLOY**

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY, the global leader in door opening solutions

## **Security Metal Products**

6089 Bristol Parkway, Suite 200  
Culver City, CA 90230

Phone: 310-641-6690

Fax: 310-641-6601

Email: [hschrier@secmet.com](mailto:hschrier@secmet.com)

[www.secmet.com](http://www.secmet.com)

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