



Doors and Frames For Healthcare Environments

Doors and Frames in a Healing Environment

Doors and frames can contribute to both patient health and healthy buildings in a variety of ways. Whether it's the aesthetic or functional design, or the ingredients of the products themselves, these building materials play an important role in healing, treating, and operating a healthcare facility.

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Integrated Openings for Healthcare

Integrated openings simplify the sourcing, installation, maintenance and daily use of door products designed to maximize floor space and enhance the operations of healthcare facilities. These openings are tested as complete assemblies and are provided with all components from a single source.



RITE Slide

ASSA ABLOY RITE Slide provides privacy for medical exam rooms and patient rooms with an innovative design that maximizes floor space.

- Ensure privacy with third party certified STC 34 rating
- Quiet soft open and close operation
- ADA compliant hardware for easy access with optional MicroShield antimicrobial coating
- Flexible design options for style and easy maintenance



RITE Door

With pocketed options and inset exit devices, ASSA ABLOY RITE Door provides clean sight lines and clear opening widths for healthcare facilities including hospitals, assisted living centers, medical offices and more. RITE Door comes standard with fiber-reinforced polymer bearings, also known as medical bearings. These self-lubricating, patented bearings are uniquely designed to eliminate black dust and provide clean, quiet operations.

- Pre-installed inset exit devices
- Available with MicroShield antimicrobial hardware
- Utilize medical bearings that eliminate black dust
- Optional lead-lining
- Steel and wood door options

Specialty Assemblies for Healthcare

Similar to our integrated openings, specialty openings are tested and provided as a complete package. These door, frame and hardware assemblies fulfill the specific needs of various healthcare applications such as sound attenuation and blocking radiation or radio frequencies.



Sound Transmission Class (STC) Openings

Sound control is an essential design requirement for healthcare projects to ensure privacy and provide a calm, healing environment. ASSA ABLOY acoustic door assemblies are available with steel or wood doors in a wide range of sound transmission class (STC) ratings up to STC 66.

- Flush steel doors up to STC 66
- Flush wood door sup to STC 53
- Glazed steel doors up to STC 52
- Glazed wood doors up to STC 51
- Fixed windows up to STC 57





Lead-Lined Openings

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

- Lead sheets available from 1/32" to 1" thickness
- Integrated into door and frame for strength and vandal resistance
- Vertically steel stiffened doors for added strength and durability
- Wood doors available with lead thickness up to 1/8"

RF Shielded Openings

Radio frequency shielding is critical in controlled environment testing. RF shielded enclosures allow for accuracy in equipment function, procedures and results by preventing outside interference. RF shielded openings also help to ensure sensitive and confidential patient information is secure.

- Provides greater than 40 dB shielding attenuation for electric fields over the 10 kHz to 10 GHz frequency range
- Conductive perimeter seals, threshold and caulk are included with each assembly
- Optional sound ratings up to STC 50
- Optional lead-lining



Patient Room Access Door

The Patient Room Access Door combines security, dependability and aesthetics fit for a healing environment. It provides caretakers access to a patient's room in the case of an emergency where the patient has barricaded the room. The complete assembly has a second, inner door, built into full size door that can open out into the corridor. This unique door and frame combination is paired with ligature resistant hardware.





Security Sidelights

Security sidelights provide clear views and daylighting with an option for a visual barrier when required. This allows facility staff to properly observe and treat patients safely.



- Behavioral health units
- Patient room doors
- Psychiatric facilities
- De-escalation rooms
- Correctional facilities
- Assisted living facilities

Hurricane and Tornado Resistance

Local codes and geography determine whether specialized door openings are needed to protect your facility against hurricanes and tornadoes. ASSA ABLOY offers door opening assemblies that are third-party certified to meet windstorm and tornado resistance codes.



Intrusion Resistance for Healthcare

A facility's primary role is to ensure building occupants are safe and secure. As such, the design should account for potential actions intent on damaging structures and the people inside of them.



Attack Resistant Opening

Designed to delay entry, Attack Resistant Openings are tested according to the FBI's Active Shooter Report. Although the door and glass will not stop bullets from penetrating the opening, the complete assembly will stay intact throughout a brutal physical attack for a minimum of four minutes after being shot up to 90 times. This allows occupants time to seek shelter while first responders arrive.



Blast Resistant Opening

For protection against explosions and excessive force, blast resistant openings meet or exceed the stringent manufacturing and performance requirements of the Department of Defense, Department of State, Department of Homeland Security and other regulatory groups.



Bullet Resistant Opening

Bullet resistant door and frame assemblies, supplied with the appropriate listed hardware, are available at various levels of ballistic protection. Transaction areas can also be secured with bullet resistant speaker ports and deal trays with glass factory installed.

Decorative Openings

The aesthetic design of door openings also contributes to a healing environment. There are various finish options to suit numerous types of rooms including wood grain steel, stainless steel and prefinish painted colors. Utilize www.thegooddesignstudio.com to suite decorative hardware along with decorative doors and frames.



Smooth Grain

Embossed Grain



Smooth Grain and Embossed Wood Grain Doors

Combine the strength and durability of steel and the warmth of wood with our stainable steel doors. Available as flush or paneled doors with either an embossed oak pattern or smooth grain design to match a tighter wood grain pattern. These doors look like wood, but can achieve high fire ratings and other durability requirements associated with steel.

- Flush or panel design
- Embossed oak pattern or smooth grain
- Window preparations available
- Fire ratings up to 3 hours
- Custom color matching

the **good design** studio – your resource from beautiful doors, frames and hardware from ASSA ABLOY Group brands. Visit us at www.thegooddesignstudio.com



Factory Prefinish

Factory prefinish painted doors and frames ensure a consistent quality application. Choose from an endless catalog of colors to find the appropriate finish to fit the surroundings and assist in creating a healing environment. Colors can also help with wayfinding - a subtle design technique that helps occupants navigate a facility.

- Applied in a controlled environment
- Ensures a consistent high quality finish
- Custom color capabilities
- Complies with strict EPA standards
- Meets chemical resistance testing for enhanced cleaning

Care and cleaning for steel doors and frames varies based on painted or stainless steel finish. All factory applied finish processes are in compliance with the strict standards and can withstand the cleaning and disinfecting protocols set forth by the CDC and EPA while meeting ASTM D1308-02 Chemical Resistance Testing for enhanced cleaning.

Stainless Steel

A choice for both its stylized design and non-corrosive attributes, stainless steel is ideal for many healthcare implementations. Available in several stainless steel finish options they are ideal for clean room environments such as laboratories and operating rooms, as well as building lobbies and elevator bays.

- Clean finished appearance
- Long term durability
- Design flexibility
- Maximum corrosion resistance
- Ease of facility maintenance



Sustainability

Sustainable products and manufacturing processes promote both healthy buildings and health of occupants. Third party certified attributes such as Health Product Declarations, Environmental Product Declarations and GreenGuard Gold ensure these products aid in indoor air quality and don't contain or emit any elements deemed unhealthy.



Declare

Declare is a voluntary self-disclosure program aiming to transform the building materials industry towards healthier and more ecological products through ingredient transparency. Participating in Declare means this product has voluntarily self-disclosed all ingredients in order to promote transparency.



Environmental Product Declaration (EPD)

An EPD is a verified document that reports environmental data of products based on life cycle assessment (LCA) and other relevant information and in accordance with the international standard ISO 14025 (Type III Environmental Declarations).

An important aspect of EPD® is to provide the basis of a fair comparison of products and services by its environmental performance. EPDs can reflect the continuous environmental improvement of products and services over time and are able to communicate and add up relevant environmental information along a product's supply chain.



UL GreenGuard Certification

ASSA ABLOY Group brands offer doors and frames certified to the GREENGUARD 2818 indoor air quality standard as well as the more stringent GREENGUARD Gold Standard (formerly GREENGUARD Children & Schools), helping ensure that the air you breathe in a building will be healthy and fresh.



Health Product Declaration (HPD)

After more than a year of development, green building industry leaders have released the Health Product Declaration (HPD) Open Standard Version 1, an open standard format for reporting contents and chemical hazards in building products.

Energy Efficient Openings

Doors and frames play a large role in improving the overall energy efficiency of a facility by minimizing thermal and air leakage.

Exterior openings including Mercury Thermally Broken frames, or kerf frames, combined with energy efficient Trio-E doors are proven to resist heat transfer and reduce energy costs at the building envelope where most energy leakage occurs.



Daylighting and Clear Views

Many healthcare facilities are opting to incorporate more glass features into patient rooms, recovery areas and work spaces in order to improve patient experience, reduce recovery time, promote a healthier work environment, and reduce energy consumption. The proper door opening can secure these spaces while maintaining the integrity of the glass design and aesthetics.



Sanitation

The most common finishes for steel doors are painted or stainless steel. The care for each of these surfaces are different, and some chemicals can damage the finish. There are numerous household and industrial strength cleaning products on the market. Always read through the instructions and warnings on the packaging to ensure it is safe to use on intended surfaces. All factory paints and application processes are in compliance with strict EPA standards both on the state and national levels, can withstand the cleaning and disinfecting protocols set forth by the CDC and EPA, and meet ASTM D1308-02 Chemical Resistance Testing for enhanced cleaning. Water resistant doors are available to keep the interior construction from being compromised in the event of a heavy wash down.



MicroShield®

ASSA ABLOY RITE Slide is a sliding door acoustical assembly that solves space and noise problems for any facility. Hardware is the most intimate part of our solution, combining form with function for an environment that's safe, secure, and inviting. RITE Slide hardware is available with MicroShield, an inorganic hardware finish coating which continuously suppresses the growth of bacteria, algae, fungus, mold and mildew.

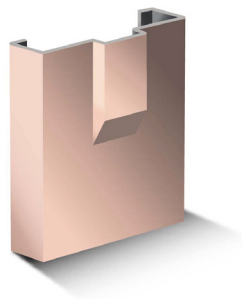




Hospital Stops and Louvers

Accessories allow you to customize standard products to fit the needs of certain healthcare applications. Hospital stops on door frames stop short of the bottom of the frame allowing maximum clearance for gurneys and other wheeled equipment to pass unobstructed. They also ensure the complete floor space can be properly cleaned and disinfected.

Louvers are an excellent way to increase air flow throughout buildings. They allow for ample ventilation and ensure all rooms are properly filtered for air quality.



For more details about how to clean see:

[Ceco Door Cleaning Hollow Metal and Stainless Steel Doors and Frames](#)
[Curries Cleaning Hollow Metal and Stainless Steel Doors and Frames](#)
[Fleming Cleaning Hollow Metal and Stainless Steel Doors and Frame](#)

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY
Opening Solutions

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

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Ceco Door

9159 Telecom Drive | Milan, TN 38358
Tel: 888-264-7474 | Fax: 731-686-4211
www.cecodoor.com

Curries

1502 12th St. NW | Mason City, IA 50401
Tel: 641-423-1334 | Fax: 641-424-8305
www.curries.com

Fleming

101 Ashbridge Circle
Woodbridge, Ontario Canada L4L 3R5
Tel: 416.749.2111 | Toll Free: 800.263.7515
Fax: 905.851.8346
www.flemingdoor.com