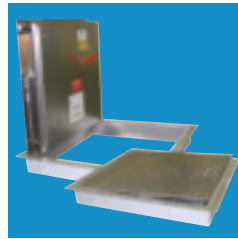


Access Doors • Floor Doors

08 31 00/NYS
BuyLine 3300



Right to site.



For over 50 years, Nystrom has developed and manufactured one of the broadest lines of metal access doors, hatches and smoke vents in the commercial construction industry.

Nystrom takes pride in delivering building product solutions ... Right to Site.

Fire-Rated Access Doors



Optional mortise preparation for 1.125" cylinder
Optional ITK with certified smoke leakage rating

IT

UL listed "B" label for 1 1/2 hours in walls (maximum temperature rise to 250°F in 30 min.).
Warnock-Hersey listed for 3 hours in ceilings.

- Door: 20-gauge cold rolled steel
- Frame: 16-gauge cold rolled steel
- IT: 1" flange for all services
- IW: 22-gauge galv. drywall corner bead
- IP: 22-gauge galv. plaster casing bead
- Hinge: Flush continuous piano hinge
- Latch: Knurled knob/key operated latch bolt
- Finish: Phosphate dipped and prime coated
- Insulation: 2" thick fire rated mineral fiber



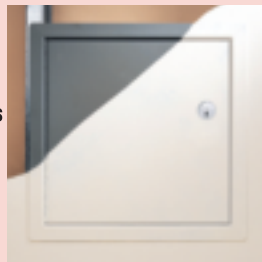
RUTK [Tile application]

- Door: 14-gauge cold rolled steel door
- Frame: 16-gauge cold rolled steel frame
- Hinge: RUTK Recessed - Cabinet hinge
- UTK Non Recessed - Continuous Piano hinge (non-tile, walls only)
- Latch: Flush key/metal knurled knob operated lock
- Finish: Galvanized bonderized steel



IUA

- Door: 20-gauge cold rolled steel
- Frame: 16-gauge cold rolled steel with 1" flange
- Hinge: Concealed continuous piano hinge
- Latch: Allen key operated latch bolt
- Optional: Mortise cylinder preparation
- Finish: Gray baked-on powder coat
- Optional: Galvanized bonderized steel or stainless steel with #4 satin polish finish
- Insulation: 2" thick fire rated mineral fiber



ST

S-Series available for wall applications only.

- Door: 14-gauge cold rolled steel
- Frame: 16-gauge cold rolled steel
- ST: 1" flange
- SW: 22-gauge galv. drywall corner bead
- SP: 22-gauge galv. plaster casing bead
- Hinge: Flush continuous piano hinge
- SW/SP: Concealed pin hinge
- Latch: Mortise preparation for 1 1/8" mortise cylinder
- Finish: Phosphate dipped and prime coated
- Insulation: 2" thick fire rated mineral fiber



FRD

- Door: 18-gauge galvanized steel
- Frame: 16-gauge galvanized steel
- Liner: 22-gauge galvanized steel
- Hinge: Concealed continuous rod hinge
- Latch: Flush mount 1/4" allen head latch
- Interior latch release
- Self-closing, self-latching
- Finish: Electrostatically applied white prime coat
- Optional: Stainless Steel with #4 satin polish
- Insulation: 1-1/2 inch fire rated material

Security Access Doors



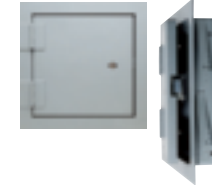
Medium Security

- Door: 12-ga. cold rolled steel
- Frame: 12-ga. cold rolled steel
- Hinge: Concealed continuous piano hinge
- Latch: Pinned allen head cam latch
- Finish: Phosphate dipped and prime coated
- Also Available:

High Security



Top Security



Plastic Access Doors



Nystrom PL Series plastic access doors offer easy installation in nearly any application. The lightweight design with a removable door is easily installed by applying glue or adhesive to the back of the frame.

Access Doors: Steel & Aluminum

08 31 00/NYS
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Nystrom introduces Custom-Matched colors. Our corrosion-resistant, colored powder coat provides aesthetics and durability while eliminating the additional costs of on-site painting.



Non-Rated Access Doors



shown with optional mortise preparation

- Door: 14-gauge cold rolled steel
- Frame: 16-gauge cold rolled steel
- NT: 1" flange for all surfaces
- NW: 22-gauge galvanized drywall corner bead
- NP: 22-gauge galvanized plaster casing bead
- Hinge: NT: Concealed spring pin hinge
NW: Concealed continuous piano hinge
NP: Concealed continuous piano hinge
- Latch: Screwdriver cam latch
- Finish: Phosphate dipped and prime coated

Non-Rated Recessed Access Doors



- Door: 16-gauge cold rolled steel
- Frame: 16-gauge cold rolled steel
- RA: No flange required
(Not recommended for grid-type ceiling)
- RW: 22-gauge galvanized drywall corner bead
- RP: 22-gauge galvanized plaster casing bead
- Hinge: Concealed pivoting rod hinge
- Latch: Screwdriver cam latch
- Finish: Phosphate dipped and prime coated
- Pan: 5/8" depth

Exterior Access Doors



shown with optional 1/4 turn lock

- Door: 20-gauge galvanized steel
- Optional: .060 aluminum door
- Frame: 6063-T5 extruded aluminum frame
- Hinge: Stainless steel continuous piano hinge
- Latch: Two dual-acting handles
- Optional: lockable handle for exterior or interior
- Flange: .080 6063-T5 extruded aluminum frame
- Finish: Paint grip
- Insulation: 2" thick fiberglass

Insulated Lightweight Access Doors



- Door: 26-gauge prefinished embossed galvanized steel
- Optional: .063 aluminum panel insert
- Frame: .045 6063-T5 extruded aluminum
- Hinge: Zinc plated continuous piano hinge
- Latch: Screwdriver cam latch
- Optional: lockable handle for exterior
- Flange: Rolled 15/16" wide
- Finish: White embossed steel
- Insulation: 3/4" polystyrene with 3.8 R-value @ 75°F

Fire-Rated Floor Doors



Common Sizes

- 24" x 24"
- 30" x 30"
- 30" x 36"
- 30" x 48"
- 36" x 36"
- 36" x 48"
- 42" x 42"
- 48" x 30"
- 48" x 48"
- 48" x 60"

Custom sizes available

- NFPA 288 standard
- FCRM 2-hour fire rating
- FCCM 3-hour fire rating
- FTRM Recessed 1/8" for VCT / carpet

- Door: 1/4" aluminum diamond tread plate.
- Frame: 1/4" extruded aluminum angle frame.
- Hinge: Type 316 stainless steel butt hinge.
- Spring: Type 316 stainless steel gas springs, which restrains door in 90° open position and allows close by gravity.
- Latch: Type 316 stainless steel 2-point latch with inside pull handle and outside removable T-handle.
Optional: 165°F fusible-link self-closing mechanism.
- Finish: Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.

Standard Load Capacity: 150 psf

Testing Standards: NFPA 288 (formerly referred to as a ASTM E 119) maximum temperature rise to 250°F in 30 min.; 2 or 3-hour rating and NFPA 251 in floor/ceiling assembly. Subjected to hose stream test per NFPA 252, UL10(b), UBC, CAN/ULC-S104, and UB-106.

Listing: Sizes up to and including 48 x 60 are rated for 2 or 3-hour rating.
NFPA 288 (maximum temperature rise to 250° F.)

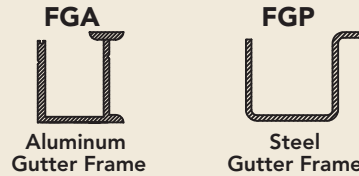
FCRM: 6" concrete slab required to achieve 2-hour fire rating.

FCCM: 8" concrete slab required to achieve 3-hour fire rating.

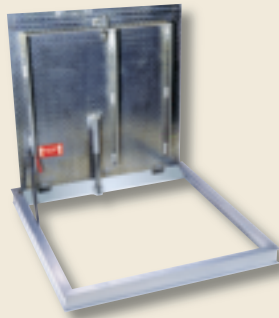
Exterior Floor Doors: Drainable Frame



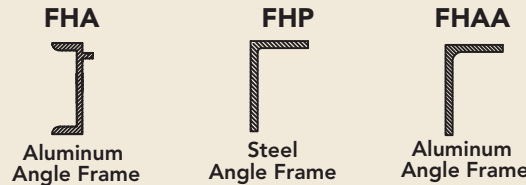
FGA/FGP floor doors have a guttered frame for water runoff to a drainage system. Our floor doors come standard with counterbalancing springs and a slam latch for ease of use.



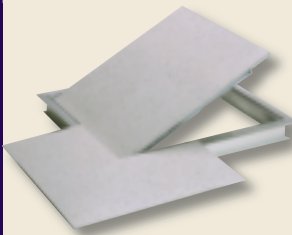
Interior Floor Doors: Non-Drainable Frame



The FHA frame is extruded aluminum frame designed for back pour applications. The 2" x 3" angle frame designs are ideal for existing openings for drop-in applications. Available in Steel (FHP) and Aluminum (FHAA).



Low Profile Floor Doors: Interior Recessed Non Drainable



The FT series is perfect for high visibility interior areas where access through the floor is necessary in pedestrian areas.

FTA Series recessed aluminum floor doors are intended for infill of 1/8" VCT / carpet.

Not recommended for ceramic tile applications.

- Door: FGA .25" aluminum diamond-pattern tread plate (steel and hot-dipped galvanized also available)
FHA .25" aluminum diamond-pattern tread plate (steel and hot-dipped galvanized also available)
FTA .25" smooth plate aluminum or steel
- Frame: FGA .25" extruded aluminum gutter frame – a 1.5" drainage coupling is provided to allow water run-off (steel and hot-dipped galvanized also available)
FHA .25" extruded aluminum or steel angle frame
FTA .25" extruded aluminum or steel angle frame

- Hinge: Stainless steel butt hinge
- Spring: Stainless steel compression springs enclosed in tubes, which counterbalance the door

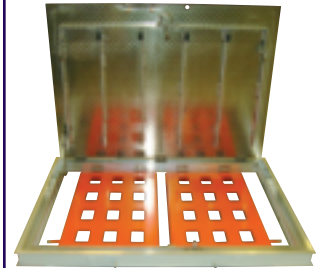
- Latch: Stainless steel slam latch with an inside lever handle and an outside removable key handle

- Finish: Mill finish aluminum. Frames provided with epoxy paint finish at areas that contact concrete

- Hold Open Arm: Stainless steel handle that automatically locks the door at 90° when opened. Handle can be released with one hand for easy operation

Standard Load Capacity: 300 psf. (Optional: H20 load capacity)

Floor Door Safety Grating Systems



Nystrom now offers safety railing systems for new and retrofit construction applications. Nystrom safety railing systems comply with new OSHA standards #1910.23, #1910.27, and ANSI A1264.1-995, which require guardrail protection for roof and floor openings. These railings are easily mounted to the concrete slab surrounding the hatch. *All Floor Doors come with a limited five-year warranty.

Floor Door Safety Railing Systems



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Galvanized Bonderized Steel
With primer coat. Use where a more corrosion resistant material is required.



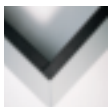
Stainless Steel Type #304
With #4 satin polish finish. Use in areas that require the highest level of corrosion resistance. Can also be used in areas where a polished stainless steel look is desired.



Double Leaf Access Panel
When you need access to large openings, we recommend double leaf panels for easy use.



Drip Cap on Frame*
Directs running water away from the face of the panel.



Gasketing
Applied to the doorstops to provide weather resistance and reduces airflow between the panel and frame. Also available with UL listed smoke seal.



Continuous Piano Hinge
Provides specification compliance when required.



Louvered Door*
Provides ventilation for special applications.



Masonry Anchors
Attached to the frame to secure the panel when installed in masonry.



Concealed Continuous Piano Hinge
Provides added security while maintaining an appealing appearance.

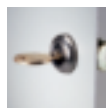
***Not available on fire rated doors or XT, FRD, FRU, PL.**



Screwdriver Operated Cam Latch*
Most commonly used. For standard applications.



Knurled Knob/Key Operated Latch Bolt
Patented ball bearing latch bolt operated by a screw-in type knurled knob or flush key. This is the standard latching mechanism on our fire rated models.



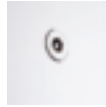
Key Operated Cylinder Lock*
When locks are required, it provides an economical solution for controlled access.



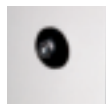
Mortise Cylinder Lock Preparation
Provides a high level of security and matches the project hardware. The panel accepts a standard 1.125" mortise cylinder by most lock manufacturers (Best, Corbin, Russwin, Schlage, etc.)



Hex Head Cam Latch*
Requires a standard allen wrench to open the panel.



Pinned Hex Head Cam Latch*
For more secure applications – requires a special pinned allen wrench to open the panel.



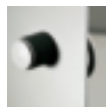
Security Screw – Pinned Hex Head*
Highest security without a lock – requires special pinned allen wrench to open the panel.



Detention Lock Preparation
For heavy-duty detention deadbolt lock. Used in maximum security applications.



Best 5E Series Cam Lock Prep*
Economical solution to match Best Locking System by preparing to receive a 5E cam lock.



Knurled Knob Cam Latch*
Unrestricted access – no tool required. Finger operated.

Nystrom Product Family



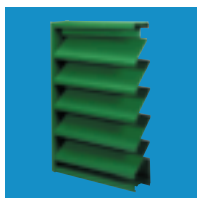
Access Doors



Smoke Vents



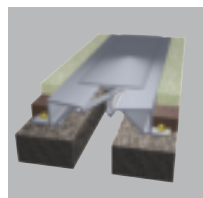
Roof Hatches



Louvers



Fire Cabinets



Expansion Joints