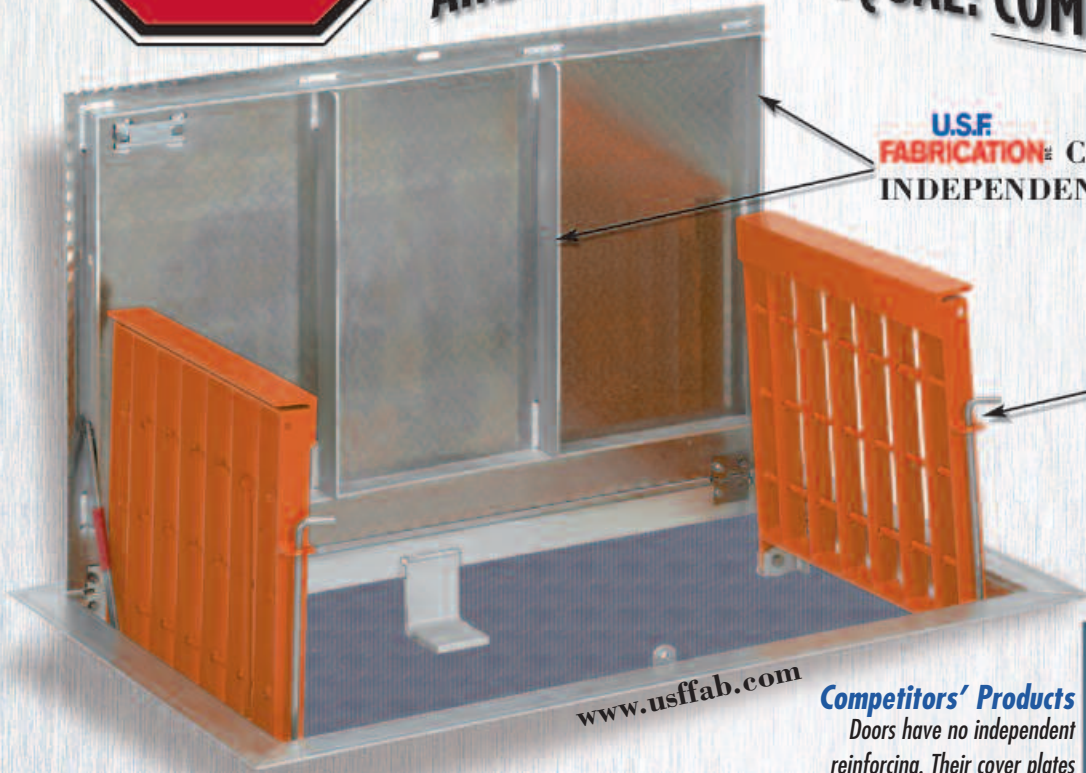




ARE YOU ELIMINATING ONE LIABILITY and CREATING A NEW ONE?

ALL FALL THROUGH PREVENTION SYSTEMS ARE NOT CREATED EQUAL! COMPARE CONSTRUCTION



U.S.F. FABRICATION COVERS ARE INDEPENDENTLY REINFORCED

Stainless Steel automatic hold-open rod allows the grate to be closed without reaching over the open vault.

www.usffab.com

Are you aware that some floor access door manufacturers compromise their design when incorporating a Safety Grate into their door?

Are you aware that you may be eliminating one liability and creating another by supplying a door that uses a Safety Grate as the cover reinforcing to meet loading specifications?

Are you aware that the floor access door that is provided with your Safety Grates may not meet the specified loading and deflection requirements if the safety grate is damaged and/or removed?

Are you aware that **USF FABRICATION** manufactures a door that independently meets the loading specifications with or without a safety grate?

Competitors' Products

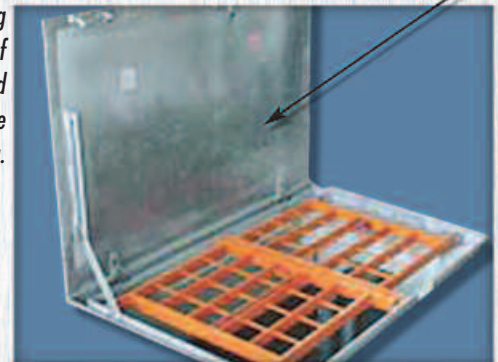
Doors have no independent reinforcing. Their cover plates rely on their grates to meet the specified loading requirement. If the grates are damaged and/or removed, the doors may not meet the specified loading requirement



www.hallidayproducts.com

NO INDEPENDENT REINFORCING ON THE DOOR!

Lack of reinforcing on the underside of the door plate could ultimately result in the door plate warping.



www.syrcast.com



3200 West 84 Street • Hialeah, Florida 33018
(305) 556-1661 • 1-800-258-6873 • Fax: (305) 882-1577
Website: www.usffab.com • E-mail: service@usffab.com

Description:

The *Hinged Hatch Safety Grate* smoothly rotates 90 degrees to its open position and locks in place by a hold-open rod. The aluminum grate has an OSHA safety orange finish (safety yellow is optional). Hardware components are made of 316 stainless steel to withstand corrosive wastewater environments.

Features:

The *Hinged Hatch Safety Grate* provides continuous safety assurance in both its closed and open positions. When closed, the grate system allows people to move freely around the hatch opening without fear of falling into the opening. Also, it allows visibility for inspections and accessibility for limited maintenance and float adjustments below the grate. When open, it acts as an additional barrier to the access door opening. Since the hatch cover cannot be shut without first closing the *Hinged Hatch Safety Grate*, this system insures that the grate is in position when the next person opens the hatch cover. Since the grate does not provide load reinforcing for the cover, a damaged or missing grate will not jeopardize the function of the cover in carrying the specified load capacity of the hatch.

Retrofit:

The *Hinged Hatch Safety Grate* can be retrofitted into existing openings. It can be made to fit the custom dimensions of most floor access hatches.

Distribution:

Contact U.S.F. Fabrication, Inc. at 1-800-258-6873 to locate a distributor of the *Hinged Hatch Safety Grate* in your area.

Specification:

The access opening shall have a permanently installed fall through prevention grate system that provides continuous safety assurance in both its closed and open positions. When closed, the grate allows visibility for inspections and performance of limited maintenance below it. When open, the grate acts as an additional barrier to the access door opening. The system shall be a *Hinged Hatch Safety Grate* as manufactured by U.S.F. Fabrication, Inc., Hialeah, FL 1-800-258-6873 or approved equal.

The fall through prevention system shall consist of a grate made of 6061-T6 aluminum and be designed to withstand a minimum pedestrian load of 300 lbs. per square foot. The grate shall operate independent of the cover's reinforcing so that the cover will continue to meet specified load and deflection requirements, even if the grate is damage or removed. The grate openings shall be 4" x 6" to allow both visual inspection and limited accessibility for maintenance purposes when the grate is closed. The grate will pivot on an aluminum hinge device with 316 SS hardware that permits it to rotate upward 90 degrees and automatically lock in place. An aluminum pull rod will be attached to the grate so the operator is positioned with the grate between him and the hatch's opening whenever he pulls on it to raise the grate. A 316 SS rod will automatically engage to secure the grate in its open position, and can be lifted upward to permit the grate to close. The hatch cover will not be able to shut until the grate is closed — thereby insuring the grate is in position when the next operator opens the hatch cover. The grate shall have an OSHA safety orange finish to increase visual awareness of the safety hazard.

Installation of the fall through prevention system shall be in accordance with the instructions provided by the manufacturer. The complete grate assembly shall be warranted against defects in material and workmanship for a period of 10 years from the date of purchase.

U.S.F.
FABRICATION INC.

