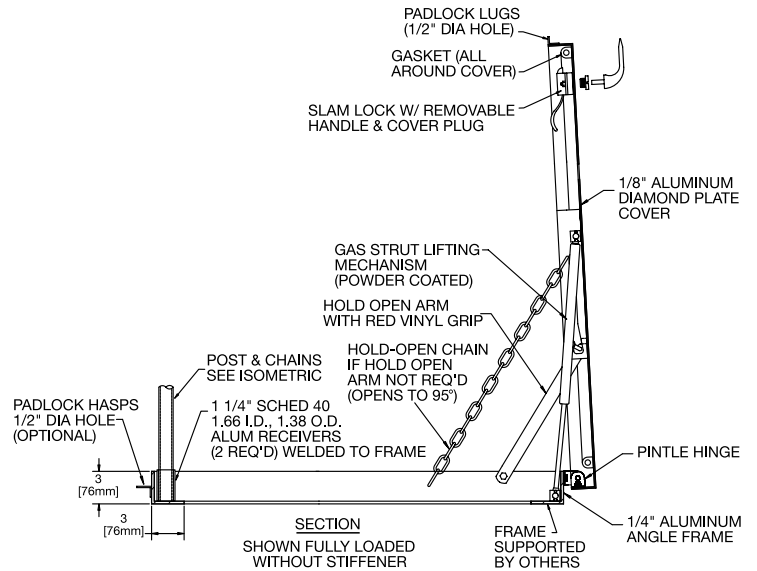




Type SM Surface Mount Access Door



Shown with optional safety post & chains and padlock hasp



Description:

Provides a cost effective solution for access to underground vaults that do not require the use of a flush-mounted door. Features a concealed internal mounting flange that makes installation easy and secure. Simply position the door over the vault opening and bolt it into place. Ideal for applications where the infiltration of contaminants is a concern. Its gasketed, over-lapping cover design sheds water and prevents debris and other pollutants from entering the opening.

Specifications:

Material

1/8" (3mm) aluminum diamond plate cover and 1/4" (6mm) aluminum angle frame

Cover

Diamond-pattern tread plate reinforced for 105 psf (5 kpa) live load

Frame

1/4" x 3" x 3" (6.4mm x 76mm x 76mm) angle frame with internal mounting flange and 7/16" (11mm) diameter anchor holes

Gasket

Extruded EPDM rubber gasket permanently adhered to cover

Hinges

Heavy-duty, stainless steel pintle hinges with 3/8" (9.5mm) type 316 stainless steel hinge pins

Latch

Type 316 stainless steel slam lock with fixed interior handle and removable exterior turn/lift handle. Latch release is protected by a flush, gasketed, removable screw plug. (For added security, specify: full welded exterior padlock hasp.)

Lift Assistance

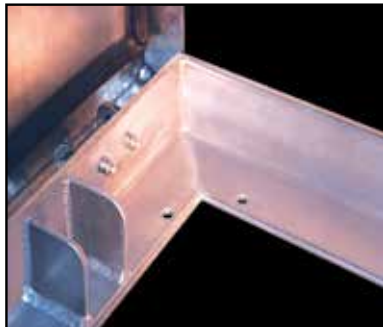
Gas strut lifting mechanism. Automatic hold-open arm with grip handle release.

Finish

Mill Finish aluminum

Hardware

Gas strut has a powder coat finish. All other hardware is type 316 stainless steel unless otherwise specified.



Internal Surface Mounting Flange



Concealed Stainless Steel Hinges

Standard Sizes and Weights

SIZE		ALUMINUM		
(width x length)		Model #	Weight	
inches	mm		inches	mm
24 x 24	610 x 610	SM-1	61	28
30 x 30	762 x 762	SM-2	71	32
36 x 30	914 x 762	SM-3	78	35
36 x 36	914 x 914	SM-4	86	39
42 x 42	1067 x 1067	SM-5	99	45