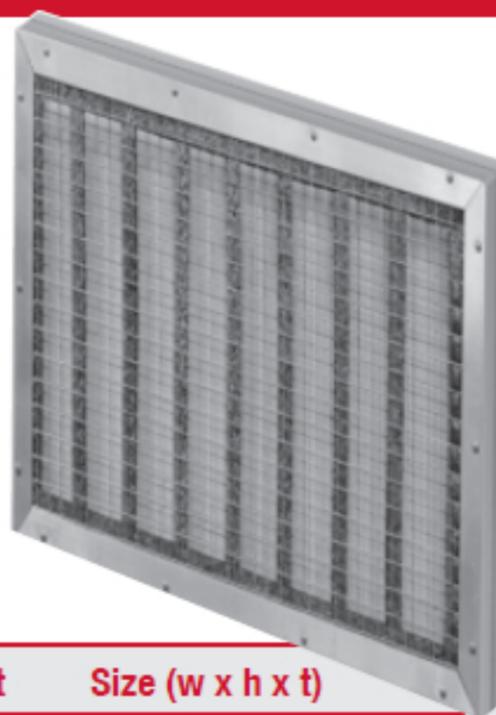


FB Intumescent Block

ZERO's **FB Intumescent Block** can be used to achieve fire ratings for door louvers in metal doors of 1.750" (44mm) or greater thickness. The 0.55" (14mm) thick FB Intumescent Block is designed to layer inside a two-part metal louver set attached to both sides of the door. A reinforcing inverted channel is required at the bottom of the cut-out to support the FB Intumescent Block. There is no limit on door thickness; additional lateral support is needed for louvers in doors with greater thickness.

The FB Intumescent Block has been assessed up to four-hour fire rating by UK Warrington Fire Research Centre as part of the Fire Block Louver System (FBLs) for fire-rated steel doors with apertures up to 18" x 60" (0.46 x 1.5m). A copy of the Warrington test report C129754 is available on request. Assessed to BS 476: Part 22 1987.

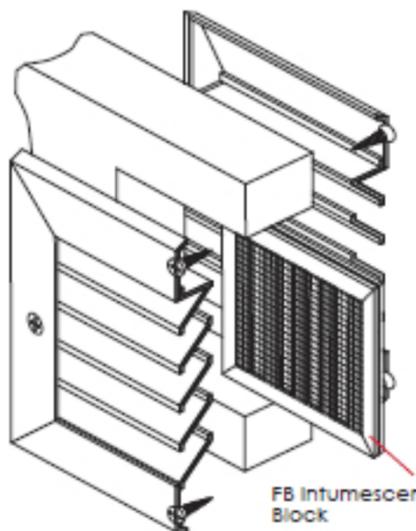
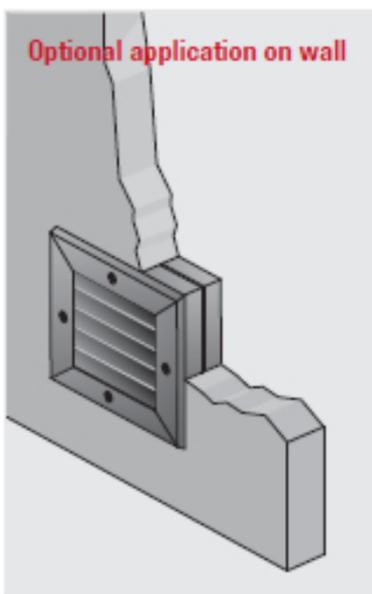


Applications:

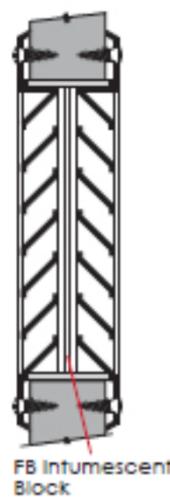


Specification	
Door Thickness	Minimum 1.750" (44.5mm) metal doors.
Fire Rating (representative)	Four hours on steel doors, maximum aperture size 18" x 60" (457 x 1524mm)
Free Air Flow	40% free area

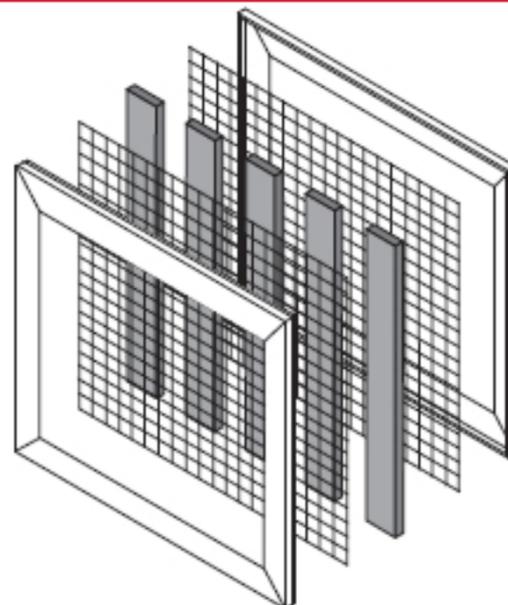
FB Intumescent	Size (w x h x t)
FB 1212	12" (301) x 12" (301) x .55" (14)
FB 1610	16" (402) x 10" (250) x .55" (14)
FB 1808	18" (453) x 8" (199) x .55" (14)
FB 1810	18" (453) x 10" (250) x .55" (14)
FB 1818	18" (453) x 18" (453) x .55" (14)
FB 1836	18" (453) x 36" (910) x .55" (14)
FB 1860	18" (453) x 60" (1520) x .55" (14)
FB 2020	20" (504) x 20" (504) x .55" (14)
FB 2424	24" (606) x 24" (606) x .55" (14)



Fire Block Louver System



Louver



FB Intumescent Block



Louver shows INTUMET expansion after fire-test.



#200AIL U.S. Patent # 20070251175. International Patent Pending

200AIL Advantage Intumescent Louver

Fire-rated 90 minutes UL 10C

Vision-proof louver inverted "Y" design with concealed INTUMET™ fire seal. Front frame attached to the lower core with concealed screws.

200AIL	Size (w x h x t)
FB 1212	12" (301) x 12" (301)
FB 1610	18" (457) x 12" (301)
FB 1808	18" (457) x 18" (457)
FB 1810	24" (607) x 12" (301)
FB 1818	24" (607) x 18" (457)
FB 1836	24" (607) x 24" (607)

