



VARIFLEX EI 30

—
Operable Partition System
for Passive Fire Protection



GIVING FIRE NO CHANCE!

We find ourselves constantly confronted by news of terrible fire disasters. And we frequently learn that the buildings concerned lacked appropriate measures to ensure effective passive fire protection. Yet the safety issue really must be given the serious attention it deserves, especially when people's lives are at stake. Particularly in areas with large public traffic volumes, passive fire protection is an absolute must.

Variflex EI 30 movable wall with pass door offers proven efficacy

One solution especially designed to provide effective passive fire protection and duly classified in compliance with the new Euronorm EN 13501-2 is the Variflex EI 30 operable partition from DORMA Hüppe. With a fire load on one side, the closed and clamped Variflex movable wall offers a fire resistance rating of 30 minutes. This is achieved on the basis of the sturdy support

structure comprised of steel and aluminum profiles, plus proven clamp-type extending seal technology and multi-layered wall claddings. When closed, the partition will help to protect emergency exit and escape routes from the blaze. Hence the Variflex EI 30 is particularly suited to installation in spaces where there is a constant flow of public traffic. This tested system for passive fire protection applications can be operated either manually or semi-automatically.

Special benefits:

The Variflex partition can also be equipped with a pass door tested compliant with EN 1634-1. The movable wall construction also provides acoustic insulation with sound reduction index values up to R_w 57 dB.



In its fully closed and sealed condition, the classified Variflex EI 30 provides effective protection of emergency exits and escape routes.



To determine the fire protection class, one wall face of the Variflex EI 30 with integrated pass door was exposed in a test laboratory to the direct flame of a test fire for half an hour.

Variflex EI 30 particulars

Product	Variflex EI 30
Fire resistance	EI 30 classification per EN 13501-2; 30 minutes
Element thickness	100 mm
Element heights	up to 4,000 mm
Sound insulation ratings	R_w 52 and 57 dB
Operation	Manual and semi-automatic
Tested element types	Fullwall element, telescopic element, per EN 1364-1 and pass door per EN 1634-1
Cover panel	A2 grade (fire-resistant)