Intumescent Louvre System for Walls, Doors and Ventilation Ductings
司力百葉系統 (適用於通風管道、樓板牆壁及防火門)

SLEEV-IT INTUMESCENT LOUVRE SYSTEM - VENTILATION WITH FIRE AND SMOKE PROTECTION
司力防火百葉系統

Description 簡介

Sleev-it Intumescent louvre system is composed of metal frame with intumescent core which has been engineered with in-jamb steel blades mounting with concealed mechanical fasteners. It is also a ventilation system offered excellent air flow control with visual screening.

When louvre is activated by heat, the intumescent material will expand to fill up the gap between the louvre blades, providing protective barrier against fires and hot smokes.

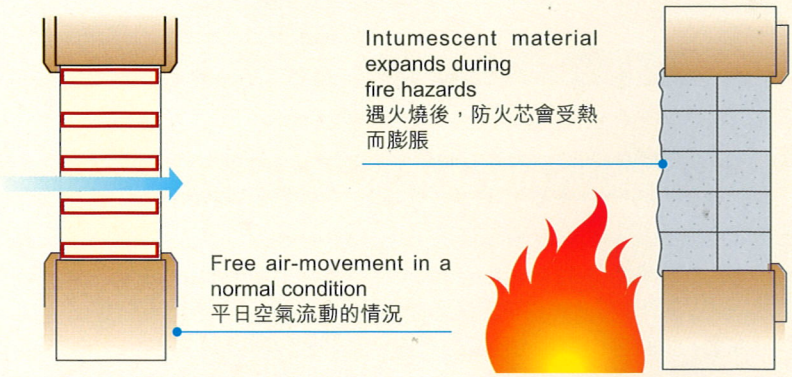
The louvre system has been tested extensively under the accredited laboratory in accordance with BS476 and BSEN up to one or two hours fire resistance.

司力防火門百葉系統是由多層堅穩的扉葉型鐵片及防火物料所組合而成，安裝於固定的通風位置，保持空氣流通，並同時具備防火功能。

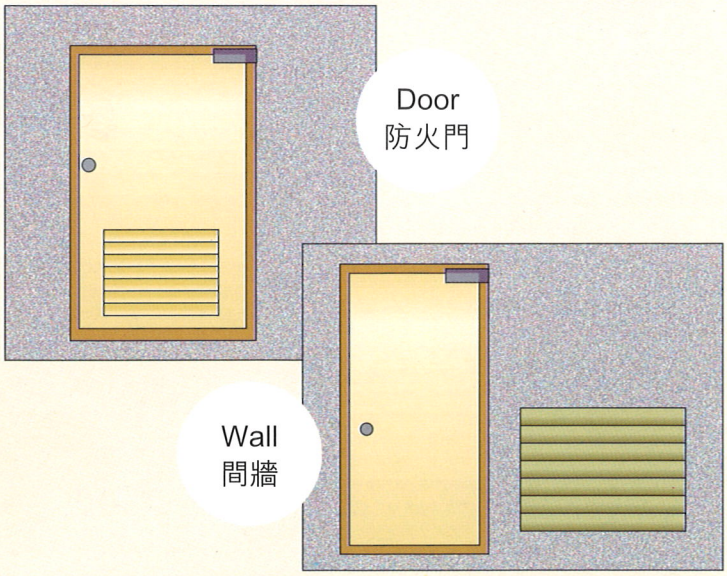
如遇火燒時，內置的防火芯會受熱而膨脹，填補百葉間的空隙，有效地阻止煙火毒氣蔓延至鄰壁。所有防火門百葉系統都按照 BS476 及 BSEN 的標準，由合資格及認可之測試中心，進行防火測試，並達致 1 - 2 小時防火隔熱功效。



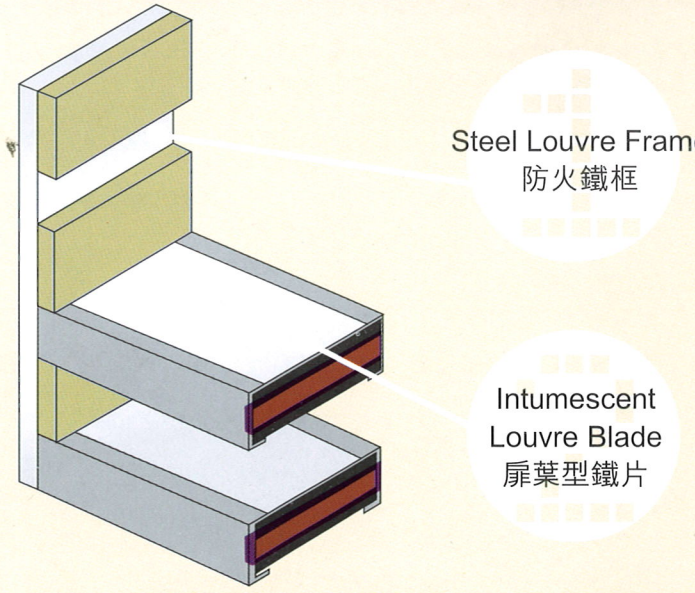
Fire Test at Testing Centre
在防火測試中心進行防火測試



Louvre Specification and Application 百葉規格及用途

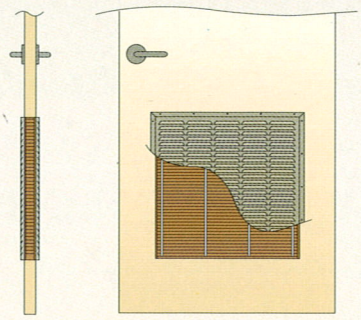


Built-in Core 百葉的結構



ENGINEERED FOR TODAY'S ENVIRONMENT
靈活組合，用途廣泛

Louvre Cover Grille 百葉蓋



Louvre Cover Grille can be installed on the louvre with pleasing aesthetic design to accommodate different requirement. It could be made in stainless steel to withstand extreme weather conditions or areas with high humidity.

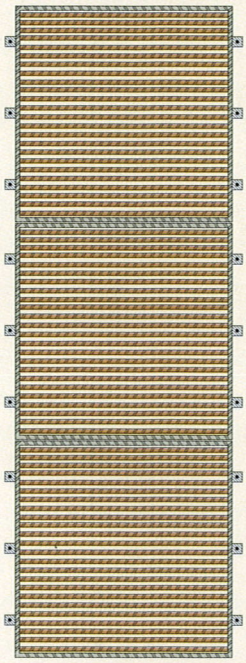
防火百葉蓋適用安裝於室外的防火百葉上。主要是用來抵禦風雨，減低因天氣環境改變而產生的變化。

Integrated Wall System 百葉圍牆系統

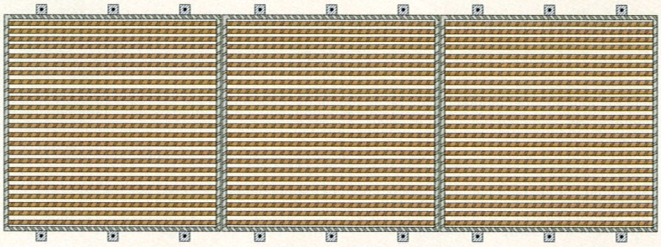
Single louvre could be built and combined to form multiple panels either in horizontal or vertical application. The louvre system could be widely used for various construction environment and building, providing excellent ventilation effects.

防火百葉除了可提供一般的獨立安裝外，獨立百葉更能組合成百葉圍牆系統，適合不同工程環境的要求。施工簡單，伸展安裝範圍及增加實用效能，並能保持其防火功效。

Vertical Installation



Horizontal Installation



Instruction to installation on doors 安裝方法

1. Cuts penetration in door, masonry wall or duct opening with the required size.
(Please note that the penetration must be a minimum of 150mm from all door edges)
在牆或門上預先準備好將要安裝的防火百葉所需的尺寸及位置。
(注：安裝防火百葉的位置必須最少預留離開門邊150mm)
2. Place the intumescent louvre into centre of gravity.
防火百葉應安裝固定於已準備好之水平至中的位置。
3. Seals intumescent louvre into penetration with fire-resistant sealant. To make sure that there is no gap around the entire perimeters of the penetration which are filled with the sealant.
使用防火膠填補百葉間的所有孔洞空隙，有助阻止火勢蔓延。
4. Install cover grille on the louvre to complete the installation tasks.
安裝保護蓋於防火百葉上，便可完成整個安裝工序。

...For more technical issue, please contact...