

# firewall & data centres

standing the test of time



the complete composite solution

## fire resisting component systems

# isd firewall setting the standard

- / design and specification of complete firewall systems for each application
- / complete independence in the selection of products and components
- / full pre-contract design and application that removes later expensive compromises
- / totally integrated constructions, fire rated at up to 4 hours
- / qualified, certificated installers with the latest handling systems for shorter programmes

## protection & flexibility

With access to the full range of composite panelling and fire stopping systems available in the UK and Europe, ISD firewall offer complete composite, walling package that is built around the latest steel-faced composite panels with non-combustible, mineral fibre cores.

Our service package provides qualified advice and guidance at every stage of planning and throughout construction. Starting with the initial designs, isd firewalls work with professional teams, architects and engineers to select the most suitable panelling and fire stopping systems.

Developers and end users have found this service particularly beneficial in reducing timescales and in project completion to original programmes.

## proven designs - shorter lead times

ISD designed firewall packages cover all aspects of junctions and penetrations, sealed using approved materials, and fully meet all existing fire protection requirements. Selecting designs from our extensive range of proven systems offers the fastest delivery, shortest lead times and rapid erection enabling our programmes to remain on schedule. Our design capabilities are constantly reviewed and the latest 3D CAD software used to design complete packages, down to the last detail.

***"ISD Firewall and data storage offer the most advanced fire related products and systems"***

***"Approved to LPS 1500 and LPS 1531, ISD Firewall can deliver the most complete package available on the market"***

***"ISD Firewall use innovative products recognised by the Fire Authorities and insurance companies. They offer advanced, reliable systems that fully protect complete premises and their contents"***



# 10

essential  
reasons to select  
**isd firewall**

- 1/ fire rated walls up to four hours
- 2/ complete design & installation for each application
- 3/ integrated, fully approved systems
- 4/ fully accredited to LPS 1500 and LPS 1531
- 5/ vital acoustic & thermal properties for reduced noise pollution & energy usage
- 6/ high quality finished walls that provide added cleanliness
- 7/ reliable replacement for traditional block walling
- 8/ no height limitations for fire or dividing walls
- 9/ flexibility offering separate compartments in larger premises
- 10/ fast track installation to match project programmes

...the complete protection package

## isd are proud to be accredited with LPS 1500 and 1531

LPS 1500 and 1531 define the requirements for companies installing fire resisting compartment systems and passive protection products approved by LPCB. ISD only install LPS approved products to provide a complete firewall solution.



### why is passive fire protection so important?

- 1/ it maintains the structural stability of steel framed buildings
- 2/ it effectively maintains compartmentalisation that adds to the high level of protection
- 3/ importantly, it preserves and maintains vital escape routes
- 4/ it effectively reduces the spread of smoke and other noxious substances

### why have passive installer schemes?

- 1/ they reduce the risk of loss of life and product, by ensuring professional installation
- 2/ they encourage insurers and building control that fire safety has been given full consideration
- 3/ they effectively reduce liability

Complete independence from manufacturers enables isd firewall to meet the exact specification and deliver the most suitable system for your application.

- / isd firewalls are installed independently of all secondary trades providing improved surfaces and finishes
- / our design and installation is approved to the FPA Design Code, Building Regulations and the Loss Prevention Council Board - LPCB. This can be a significant advantage in reducing annual insurance premiums
- / isd firewalls are consistently selected for flexibility, offering practical subdivision of buildings and facilities, even different levels of protection. Architects and developers can now capitalise on all available space in every building, throughout its lifetime
- / isd firewall systems are lightweight in comparison to traditional walls and are simply fixed to the steelwork structure and directly to concrete floors, thus eliminating the need for foundations
- / easy to clean surfaces and highly presentable finishes offer a major step-forward from other systems, e.g. block work. This is vital for premises where absolute cleanliness and hygiene are essential
- / throughout installation isd delivers cleaner, tidier sites, and as a dry trade, eliminates widespread interior contamination

