

Fire Rated Ductwork Specialists



Environment
Friendly



Stability & Integrity of
More Than 4 Hours



Factory Process
Control



Audited By Independent
Certified Agency



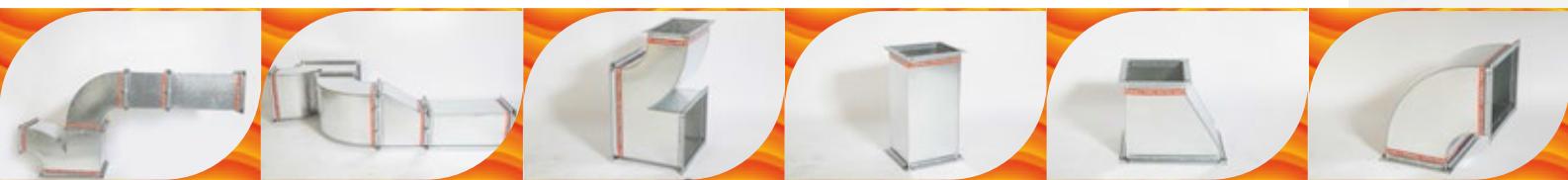
European
Technology



- TESTED AS PER BS 476 PART 24
- NON - COATED
- STABILITY - 4 HOUR +
- INTEGRITY - 4 HOUR +
- TESTED & CERTIFIED
BY APPLUS LABORATORIES

PRODUCT RANGE

- GI 120 - STABILITY AND INTEGRITY OF 120 MINUTES
- GI 240 - STABILITY AND INTEGRITY OF 240 MINUTES
- KED 120 - STABILITY, INTEGRITY & INSULATION OF 120 MINUTES



DUCTWORK CONSTRUCTION

The Firewall Ductwork System is manufactured from Galvanised Steel sheet based on specification and simulated test by Carling Fire. The Fire-Rated Ductwork has been tested and certified by Applus to meet the following standards:

● BS 476: PART 24: 1987

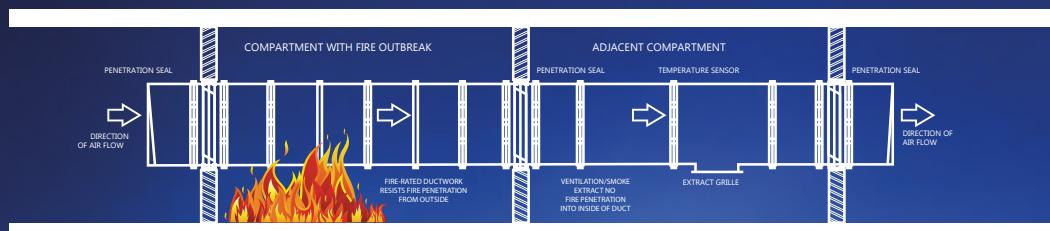
Furthermore, the Firewall® range of Fire-rated Ducts incorporates and are in compliance with the following standards:

● BS 5588

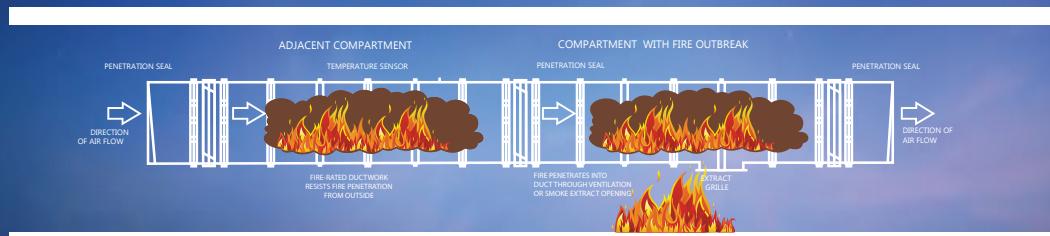
● DW 144

Suitable for use as a Type A (Fire outside) and Type B (Fire inside/outside) fire-rated ductwork system for a period of up to 255 minutes of Stability and Integrity

FIRE OUTSIDE-DUCT TYPE A



FIRE INSIDE-DUCT TYPE B

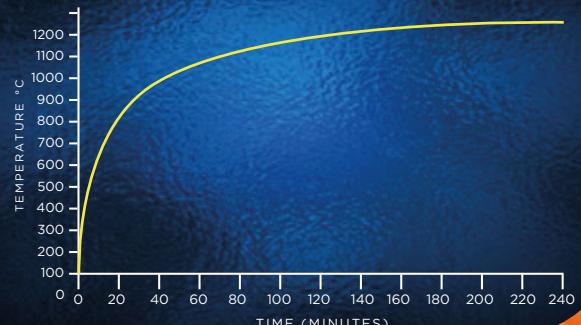




SUITABLE FOR USE AS

- Staircase Pressurization System
- Ventilation System
- Smoke Extract System
- Car park Extract System
- Kitchen Extract System

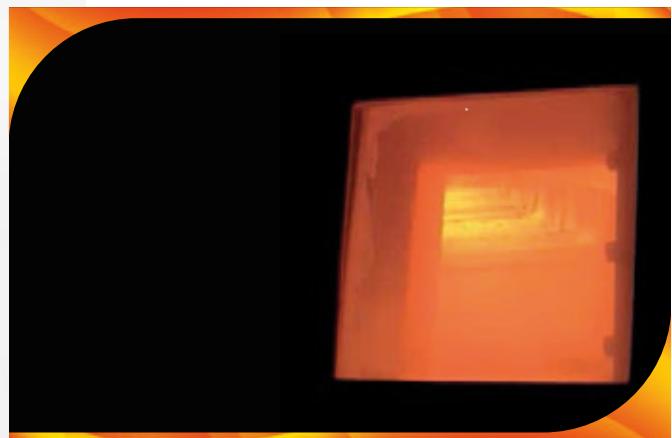
ISO 834: 1975 (E) FIRE RESISTANCE TEST STANDARD TIME-TEMPERATURE CURVE



WHAT ARE WE TRYING TO ACHIEVE?

- Protecting Human Lives.
- To ensure the safety of the people as they evacuate the building by protecting common areas i.e. Escape Corridors, Lift Lobbies for upto 4 hours.
- To minimize damage to the building and its contents by maintaining the fire compartmentation.

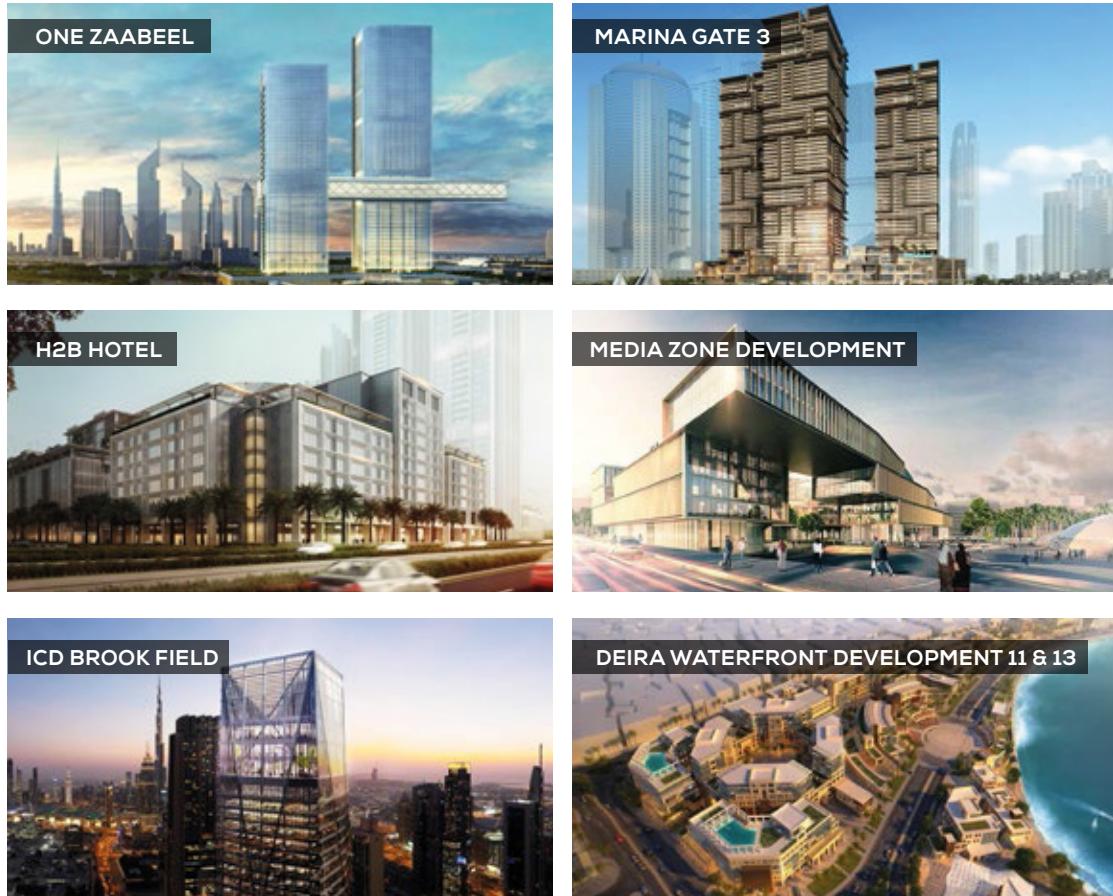
Tested as per BS 476 Part 24 for the fire resistance of ventilation ductwork which is expressed in minutes of duration of heating in accordance with the ISO 834: 1985 (Cellulosic - Standard Time/Temperature Curve)





Additional services provided for installation:

- Induction Programs for all Client Personnel involved in Installation
- Periodic Inspection of Installed Artwork for Compliance
- Feedback to Clients on Installation of Ductwork



The Firewall® Ductwork is suitable for Residential, Commercial, Hotels, Hospitals, High Rise Buildings etc.

Authorized Exclusive Licensee

For more information about our product,
scan the below code to visit our website.



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CARLING FIRE OFFICE

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Technologies Limited
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