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Shabbir H.
Lokhandwala

PRESENTER:

Smoke, Fire & Blast Protection/
Resistance + Containment Solutions.



Presentation day, date:
Tuesday October 03 - 2023 @ 11:00 hours



C O N T E N T S

KEY BRANDS

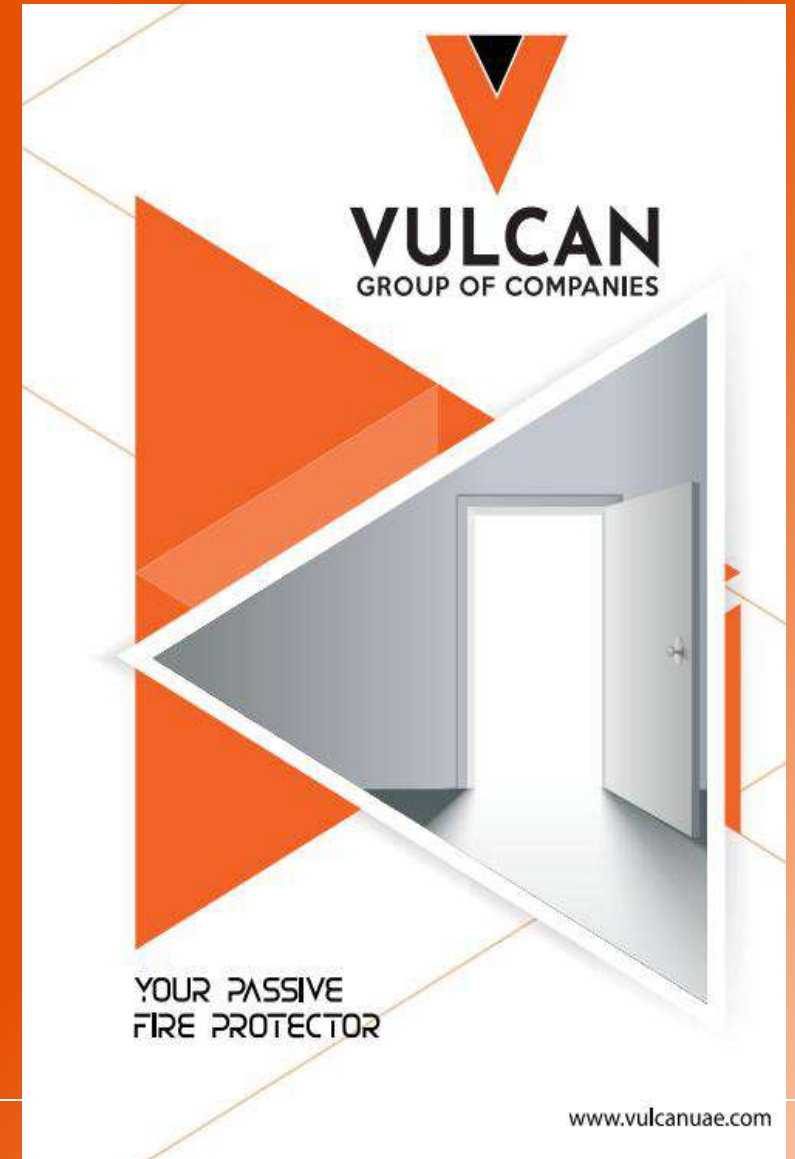
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	Hollow Metal Doors Wooden & Glazed Doors Bullet & Blast Resistant Doors Rolling Shutters Sliding, X-Ray, Acoustic, Louvre, Sectional O/H Doors	Automatic Smoke, Fire Curtains FR Accordion Curtains FR Horizontal, Egress & Static Draft Curtains		Spray Fire Resistive Material Intumescent Fire Resistive Material Fire-rated Boards	Automatic Movable Partitions Fire Protection of Ventilation & Smoke Extract Ducts		

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VULCAN GROUP, UAE

Your Passive Fire Protector

PART ONE.



HOLLOW METAL DOORS : Fire-rated & Non Fire-rated



APPLICATION : Staircase, Electric Rooms, Pump Rooms, Corridors etc.

WOODEN DOORS : Fire-rated & Non Fire-rated



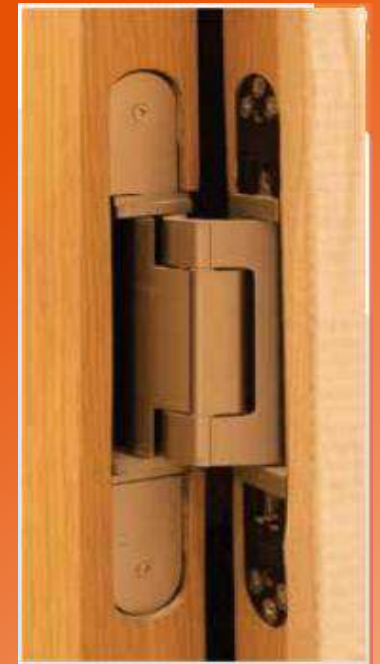
APPLICATION : Room Entrance ,Interior Doors, Office ,Pantry,WC.

Non - Load Bearing FULLY GLAZED PARTITIONS [Fire-rated]



 **APPLICATION** : Staircase, Electric Rooms, Pump Rooms, Corridors etc.

BULLET RESISTANT DOORS



APPLICATION : High security areas

BLAST RESISTANCE DOORS



APPLICATION : High security areas

X - RAY PROTECTION DOORS



APPLICATION : Laboratories, Xray & Scanning Rooms, Clinics, Airports and Industrial Applications, etc.


ACOUSTIC DOORS



▶ **APPLICATION :** Theatres,Auditoriums,Recording Studios, Halls etc.


LOUVER DOORS



 **APPLICATION :** Pump rooms, Server rooms


SAND TRAP LOUVER DOORS



 **APPLICATION :** Shopping malls, Offices, Commercial buildings


LOADING TECHNOLOGIES



 **APPLICATION :** Shopping malls, Commercial buildings, Warehouses

ROLLING SHUTTERS, INDUSTRIAL SECTIONAL DOORS



 **APPLICATION :** Shopping malls, Commercial buildings, Warehouses

FORCED ENTRY DOORS



APPLICATION : High Security areas

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KENT Smoke & Fire Curtains, UAE

PART TWO.

Kent
Smoke and Fire Curtains

Kent
Smoke and Fire Curtains

Unit 10, 7th street, Al Qusais Industrial Area 2 - Dubai
Tel : +971 4 288 2575 Fax : +971 4 288 2576
Web : www.kentsmokeandfirecurtains.com
Email : info@kentsmokeandfirecurtains.com

AUTOMATIC FIRE CURTAINS



AUTOMATIC SMOKE CURTAINS



AUTOMATIC ACCORDION CURTAINS



Accordion Curtains - Retracted



Accordion Curtains - Deployed

AUTOMATIC EGRESS CURTAINS



Egress Curtains Assembly

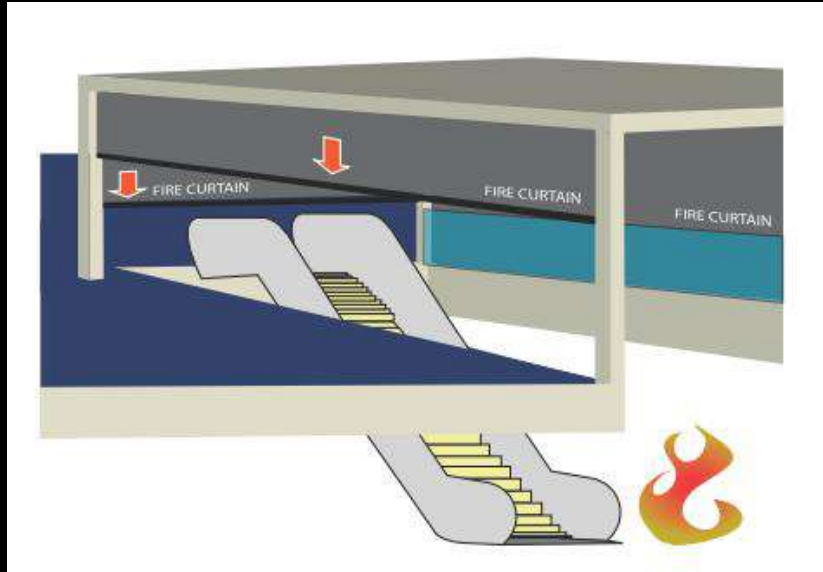


Egress allows safe passage

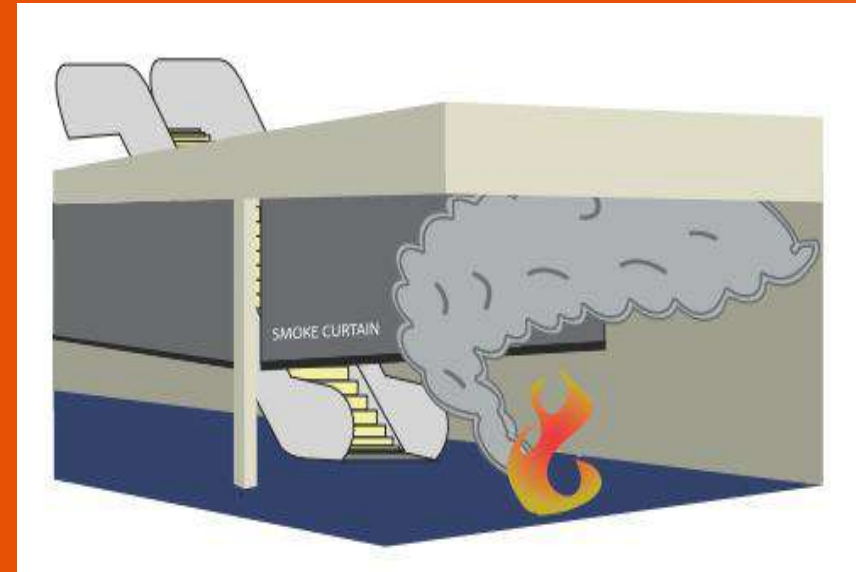
AUTOMATIC HORIZONTAL FIRE CURTAINS



APPLICATIONS



VOID EDGE SEPARATION

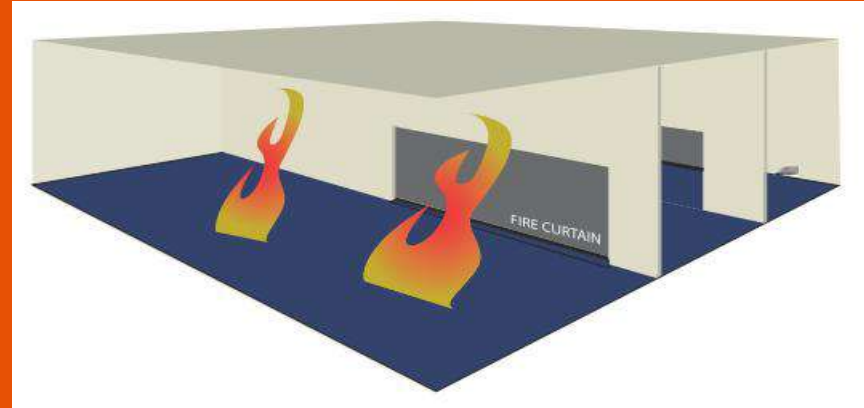


SMOKE RESERVOIRS

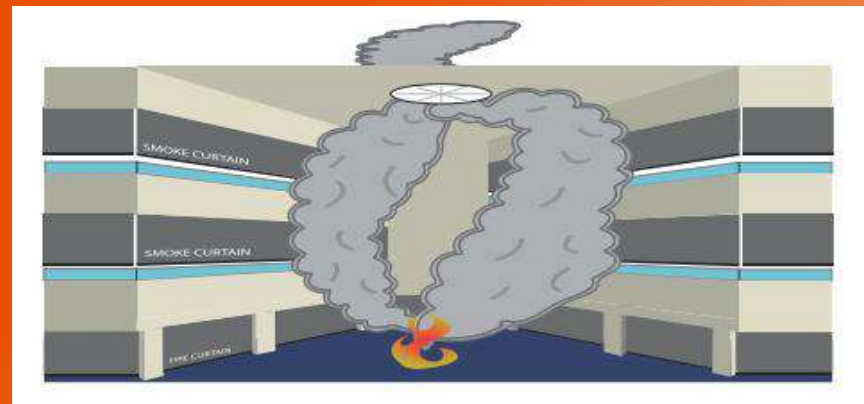
APPLICATIONS



LIFT LOBBY & ELEVATOR SEPARATION



FIRE COMPARTMENTALIZATION



FIRE & SMOKE STRATEGY

SINGLE ROLLER ASSEMBLY



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MULTIPLE ROLLER ASSEMBLY



PART TWO.

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ISOLATEK / CONTEGO

Advancing Passive Fireproofing Technology

PART THREE.



Construction Industry

- Mechanical Room**
 - Medium Density SFRMs
 - High Density SFRMs
 - ISOLATEK Type CB Rigid Board
 - ISOLATEK Intumescent Coatings
- Roof Deck Fire Protection**
 - Low/Medium Density SFRMs
 - ISOLATEK Type CB Rigid Board
- Perimeter Steel Fire Protection**
 - Low/Medium Density SFRMs
 - ISOLATEK Type CB Rigid Board
- Interior Concealed Fire Protection**
 - Low/Medium Density SFRMs
- Renovation/Addition**
 - Low Density SFRMs
 - ISOLATEK Type CB Rigid Board
- Atrium/Lobby**
 - ISOLATEK Intumescent Coatings
- Parking Garage**
 - Medium Density SFRMs
 - High Density SFRMs
 - ISOLATEK Intumescent Coatings
- Interior Exposed Fire Protection**
 - High Density SFRMs
 - ISOLATEK Type CB Rigid Board
 - ISOLATEK Intumescent Coatings

Cellulosic Fires

A cellulosic fire is the common description of a fire fueled by everyday items such as timber, carpet, furniture, etc. found in modern day structures. Isolatek products are manufactured and tested to protect the structural steel during cellulosic fire conditions and are found throughout the world in Airports, Arenas/Stadiums, Hospitals, Mid/High Rise Buildings, Shopping Malls, Universities, and Theme Parks/Casinos.

www.isolatek.com

IFRM – Str. Steel Fire Protection



IFRM – Aluminium Fire Protection



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TURKOWALL



PART FOUR.

Producing Together, Winning Together

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Automatic Operable Partitions



Acoustic Movable Walls



PART FOUR.

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Washroom Cubicles



Automatic Operable Partitions



PART FOUR.

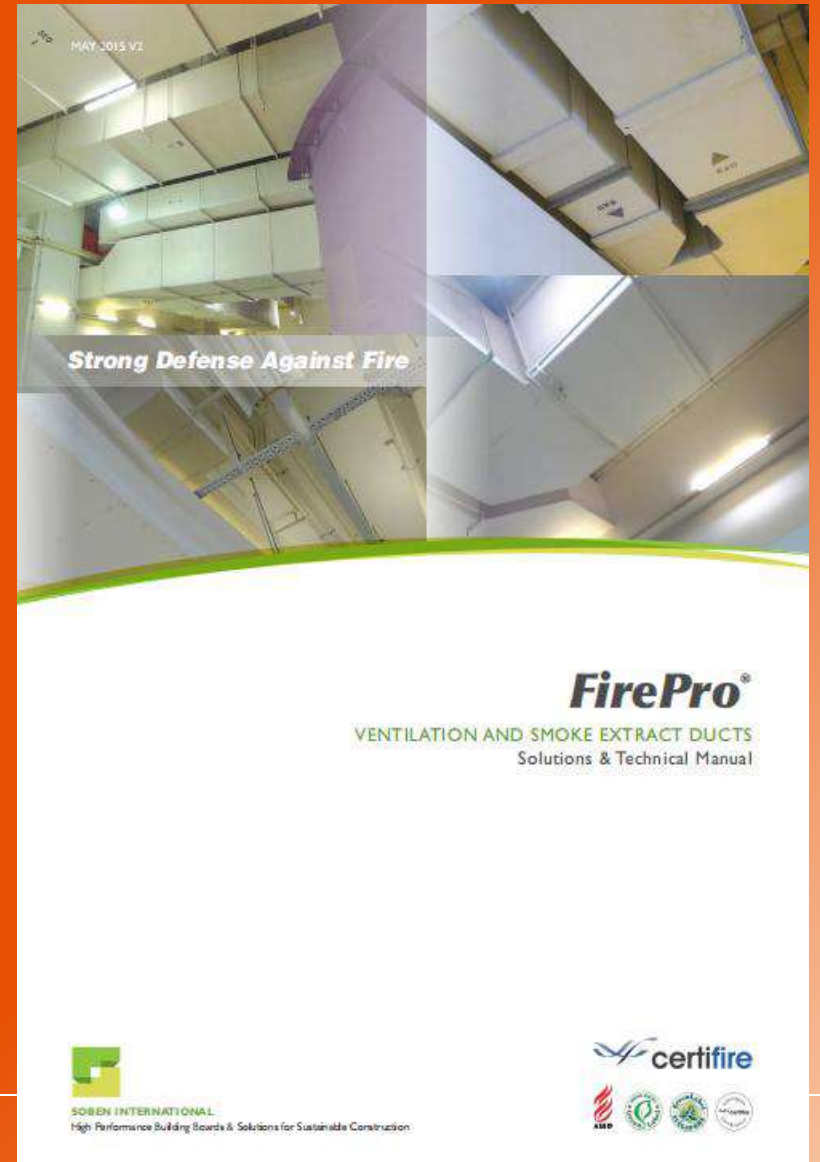
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SOBEN INTERNATIONAL

Building with confidence

PART FIVE.



Fire Protection of Ducts



Applications for Construction

APPLICATIONS FOR CONSTRUCTION

FP®-900/FirePro® passive fire protection systems are extensively tested and technically assessed by international accredited fire test consulting engineers. Typical applications include:

- Walls and hoardings
- Ceilings, roofs and floors
- Fire rated doors
- Shaft walls for lift or building services
- Electrical & mechanical services enclosures
- Fire resistant barriers and spandrels
- Ventilation, smoke outlet and Kitchen extract ducts
- Fire resistance upgrade of concrete and tunnel fire protection

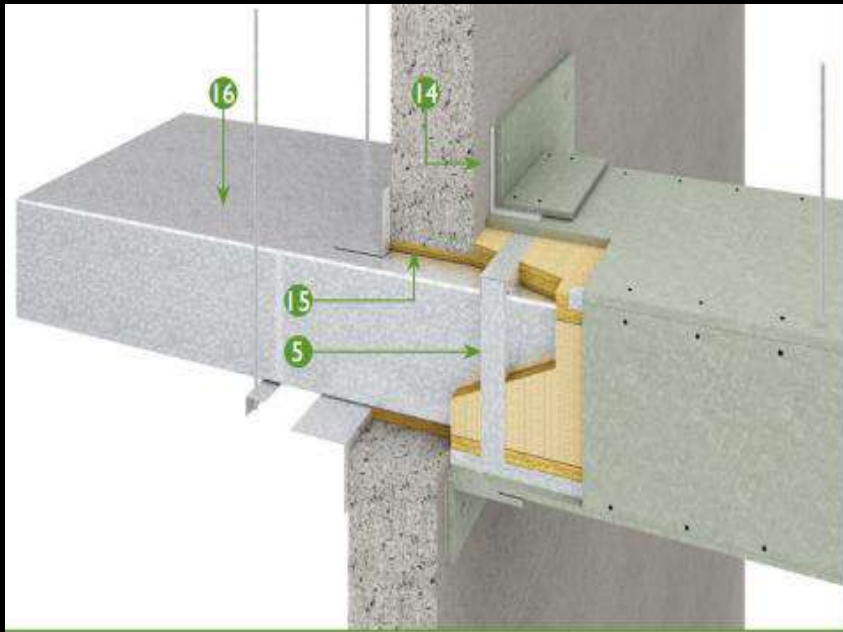
Fire Protection of Ducts



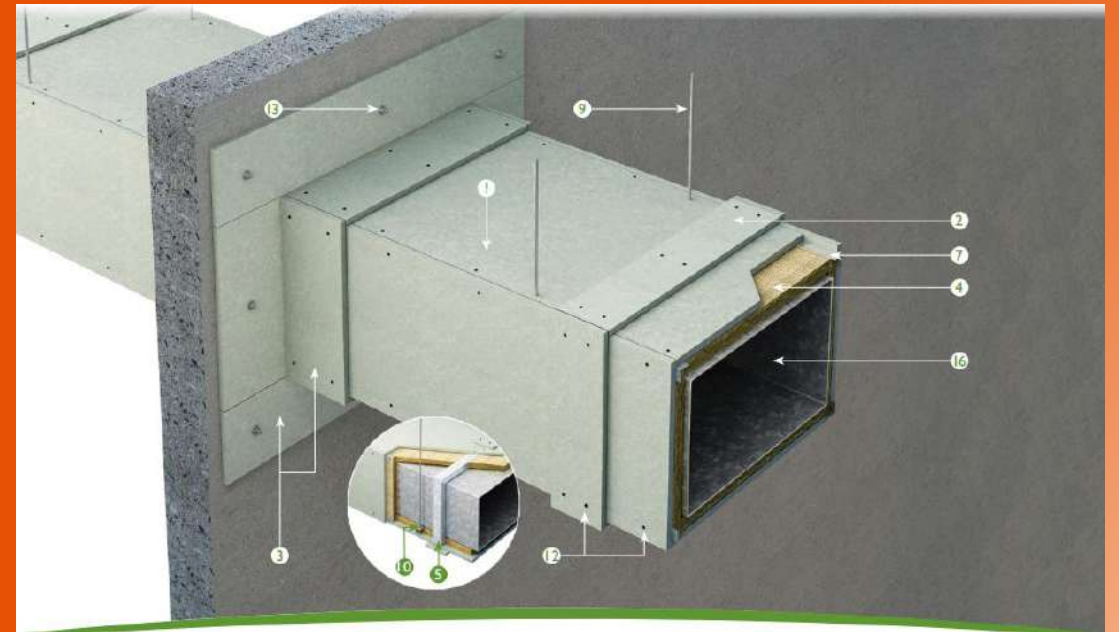
Fire Testing Methods



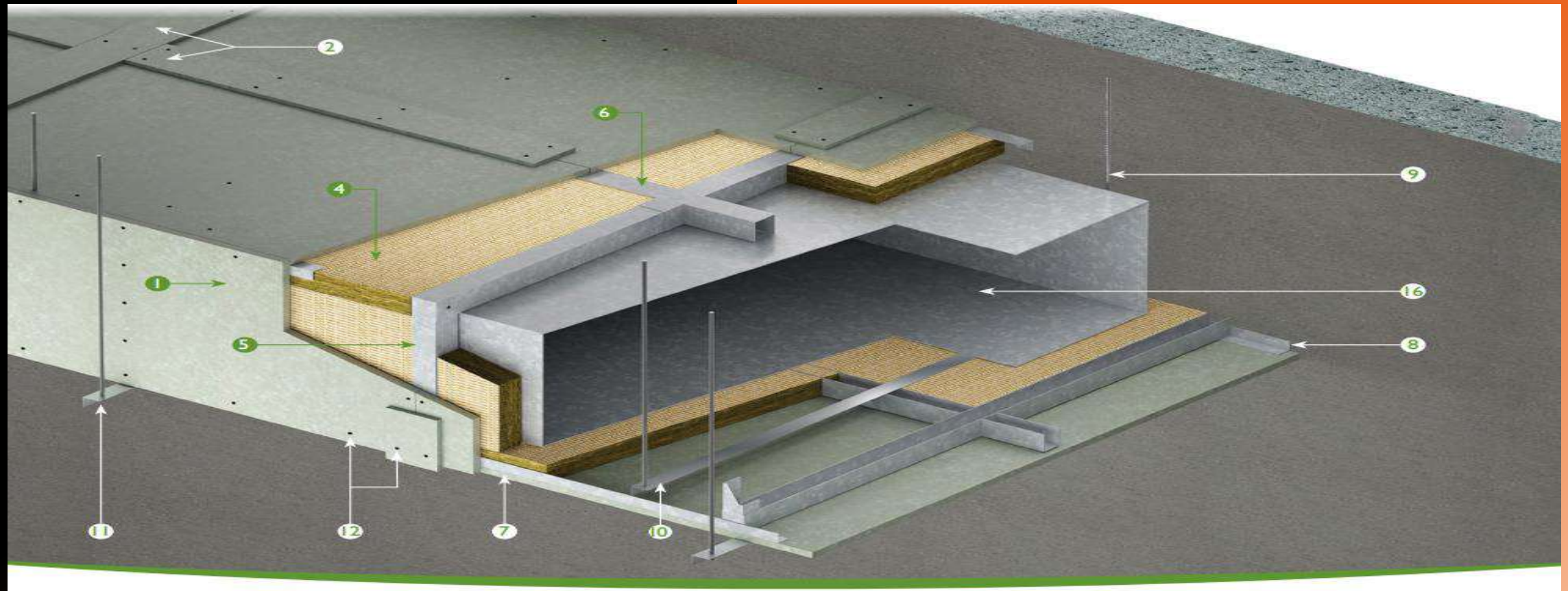
Fire-rated Ventilation Steel Ducts



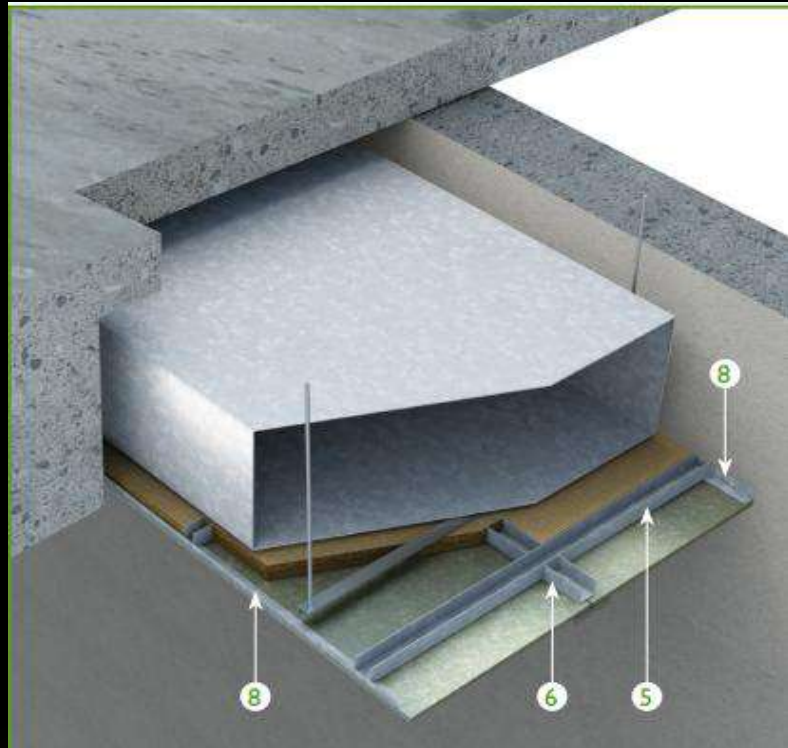
Fire-rated Ventilation Steel Ducts



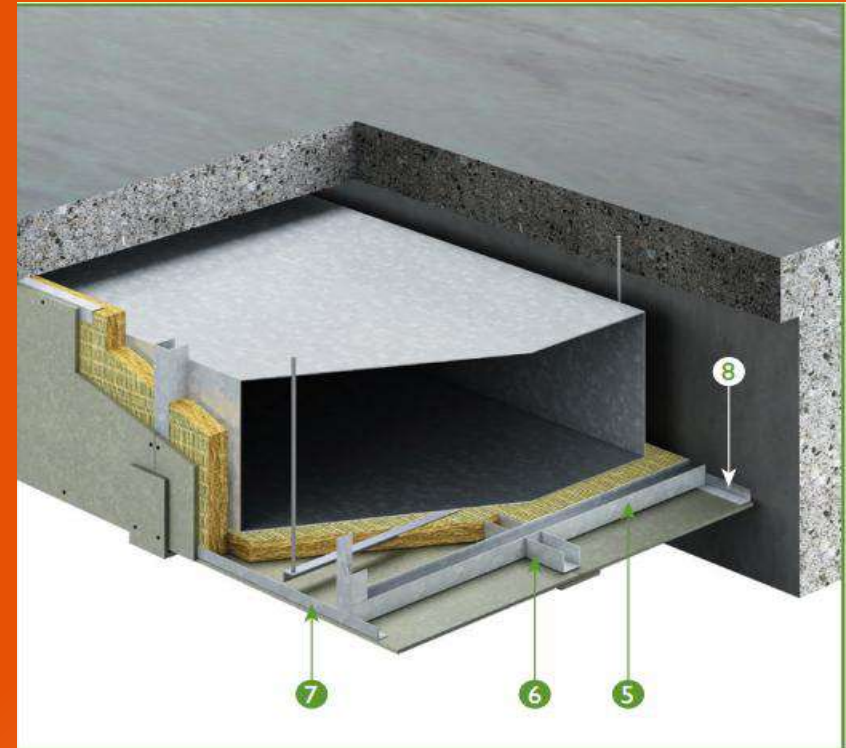
Fire-rated Ventilation Steel Ducts



APPLICATIONS

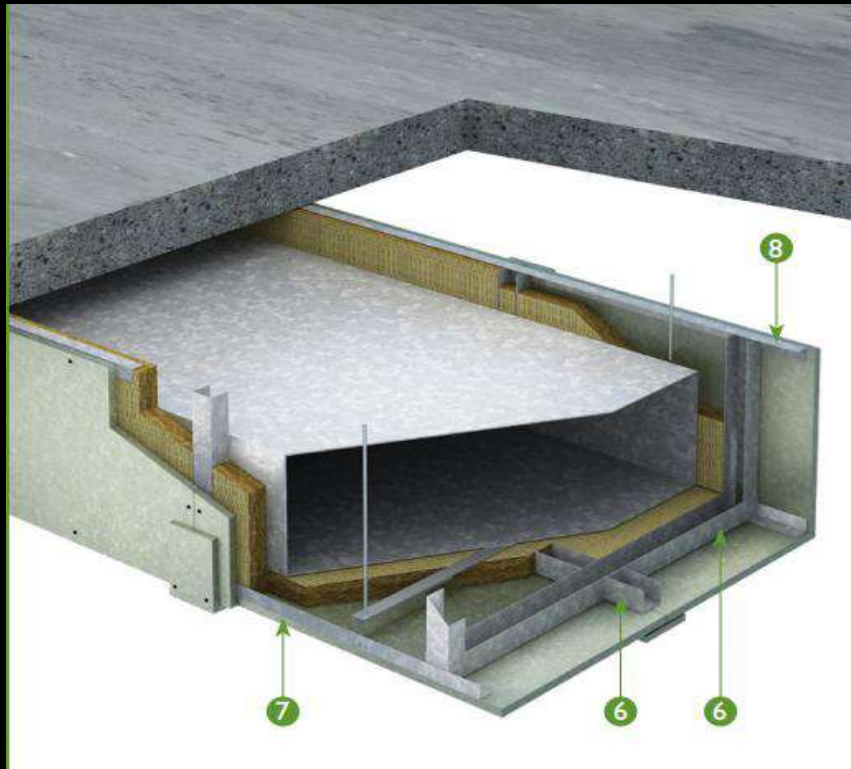


One Sided Duct

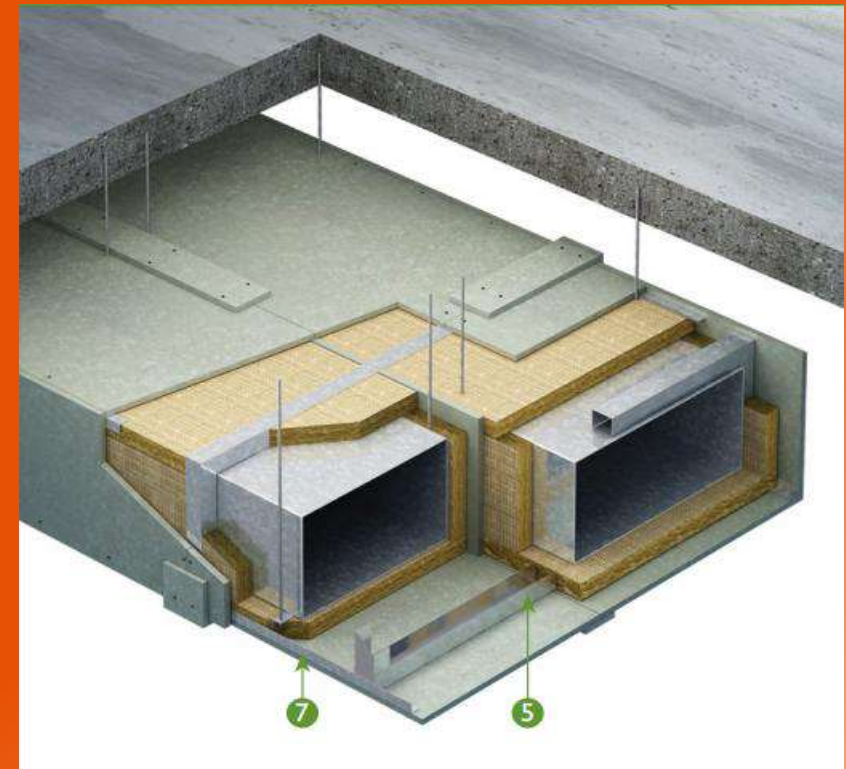


Two Sided Duct

APPLICATIONS



Three Sided Duct



Multiple Side By Side Ducts

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