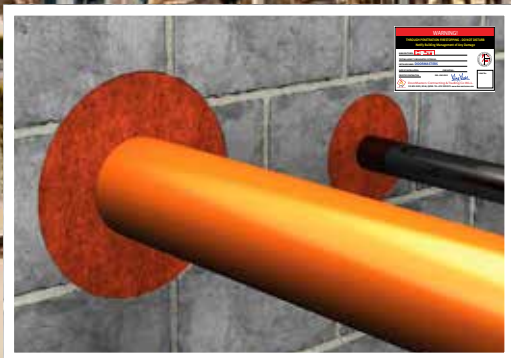
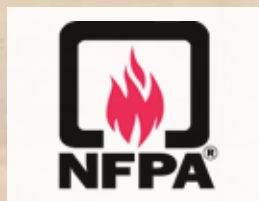
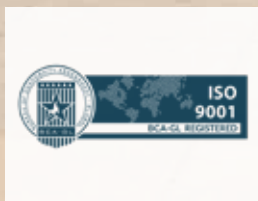




DOORMASTERS CONTRACTING & TRADING CO W.L.L
Passive Fire Protection Specialist

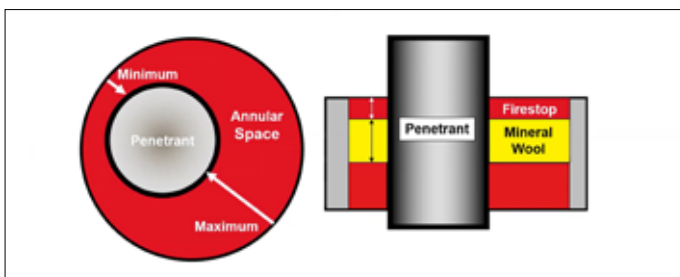


QCDD Approved Fire Stop Contractor with FM Accredited DRI Inspectors.



Terminologies in Passive Fire Protection!

Passive fire protection is designed into the structure of the building, so that if fire breaks out, it is contained within a fire compartment, surrounded by fire resistive walls and floors. For the walls and floors to maintain their fire resistance, every opening, penetration and joint must be sealed against the escape of fire and smoke.



Annular Space : The gap between the opening and the penetrant.

Compartmentation

- 30 min fire resistance
- Maintains building structure
- Allows sufficient time to escape
- Minimises destruction
- Assists firefighting

To prevent fire, heat, and smoke from spreading beyond locations of origination.

Compartmentation : A fire compartment is a space within a building enclosed by fire barriers on all sides, Top and Bottom.



F Rating : "F" rating indicates the period of time the fire stop assembly prevents the passage of flame through the fire stop assembly.



T-Rating : Indicates the period of time the temperature of the firestop assembly and the penetrants were below 325 F plus ambient temperature at beginning.



Intumescent Sealants : Acrylic intumescent seals expand to fill a cavity when subjected to extreme heat and provide an extra layer of fire resistant material to protect the structural integrity of a building.



Improper Sealant Application

Why Choose a Specialist for Passive Fire Protection?

Typically, the fire stop system installation is left up to the individual trades that make the holes in the fire-rated construction. However, inspections show this can increase the likelihood of deficiencies that later need to be corrected. To help resolve this problem, construction teams increasingly are turning to the use of professional firestop installers / contractors.

Benefits

- Has a better understanding of tested systems & building codes.
- Allows individual trades to focus on their areas of expertise.
- Helps ensure one-source continuity and system compatibility for all passive firestop requirements.
- Promotes hassle-free inspection by officials who know and trust professional firestop installers.
- Provides single contractor accountability for all passive fire protection.
- Documents all installed fire stops, depending on the agreed scope of work.
- Increases confidence that all fire stopping is completed correctly the first time.

Our Services

1. Fire Sealant Application

- Fire Sealant for MEP Openings
- Fire Sealant for Movement Joints
- Fire Sealant for Perimeter / Curtain Wall
- Fire Sealant for Doors & Windows

2. Fire Rated Steel Doors / Louvers / Access Panel

- Fire Rated Steel Doors
- Kahramaa Solid Doors
- Kahramaa Louver Doors
- Wood Finish Steel Doors
- Fire Rated Access Panel
- Fire Rated Louvers

3. Fire Partition / Window

- Fire Rated Gypsum partition
- Fire Rated Glass partition
- Fire Rated Window

4 Fabrication Works

- Signage Works / Pylon Works
- Handrails
- Weather Protection Shades
- FHRC (Fire Hose Reel Cabinet)

5. Water Tight Sealant / Water Proofing / Epoxy

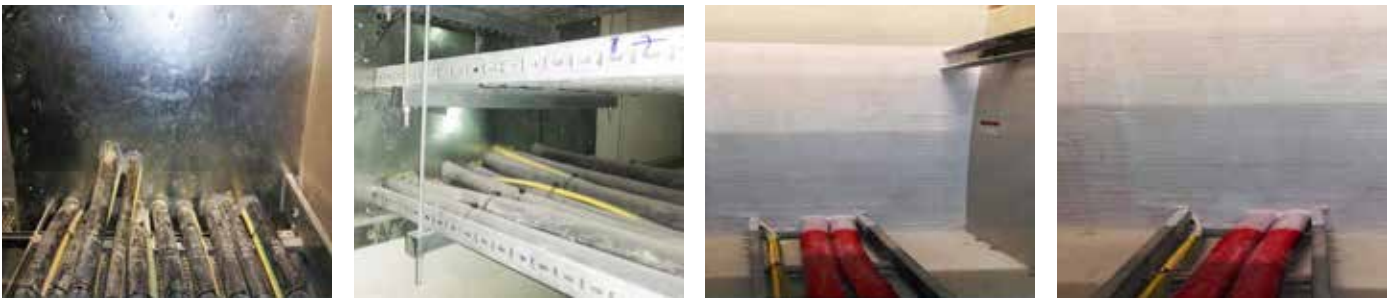
- Water Tight Sealant Work for Cable Entry
- Wet Area Water Proofing
- Roof Water Proofing
- Epoxy Floor

1. Fire Sealant Application

Cable Tray Floor Opening



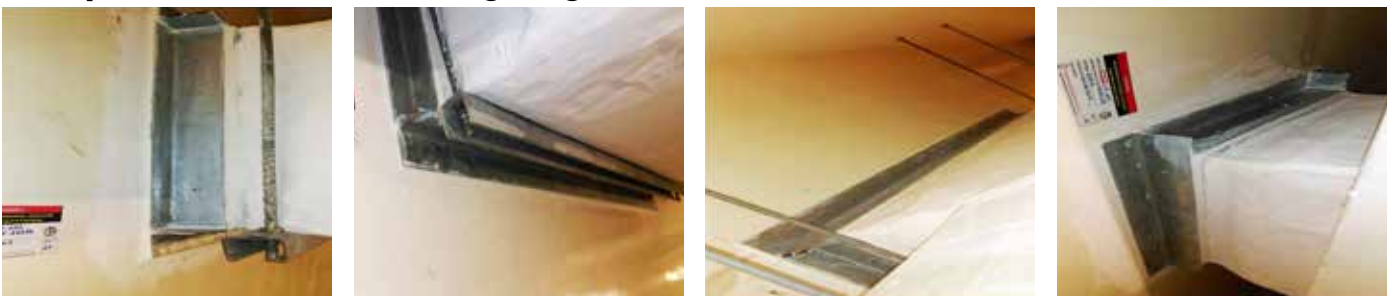
Cable Tray Wall Opening



Cable Opening



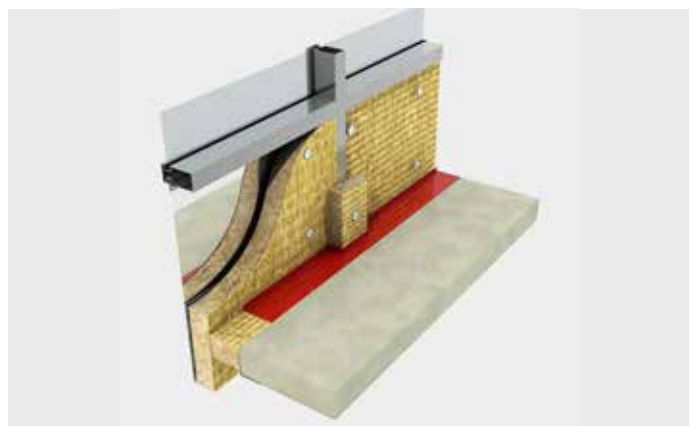
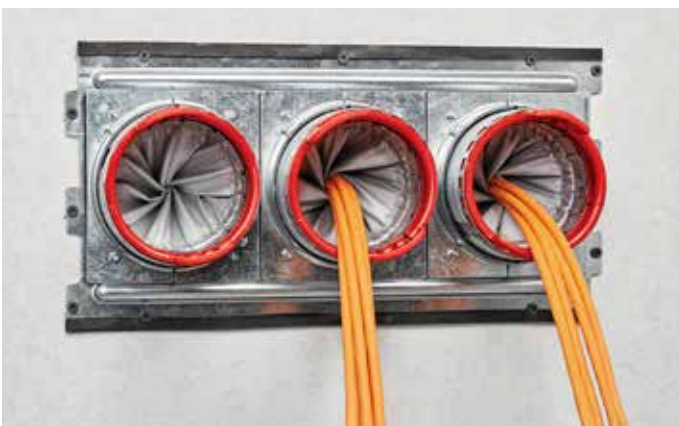
Damper Duct with Retaining Angle

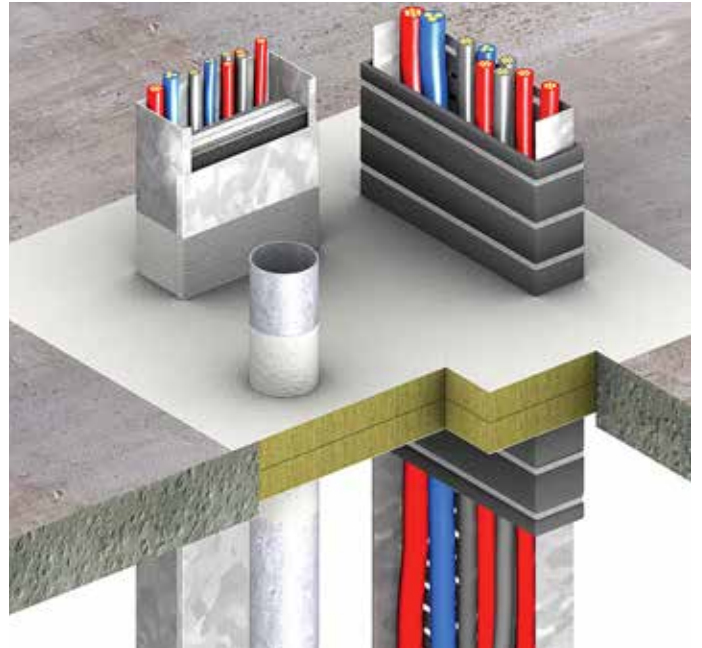


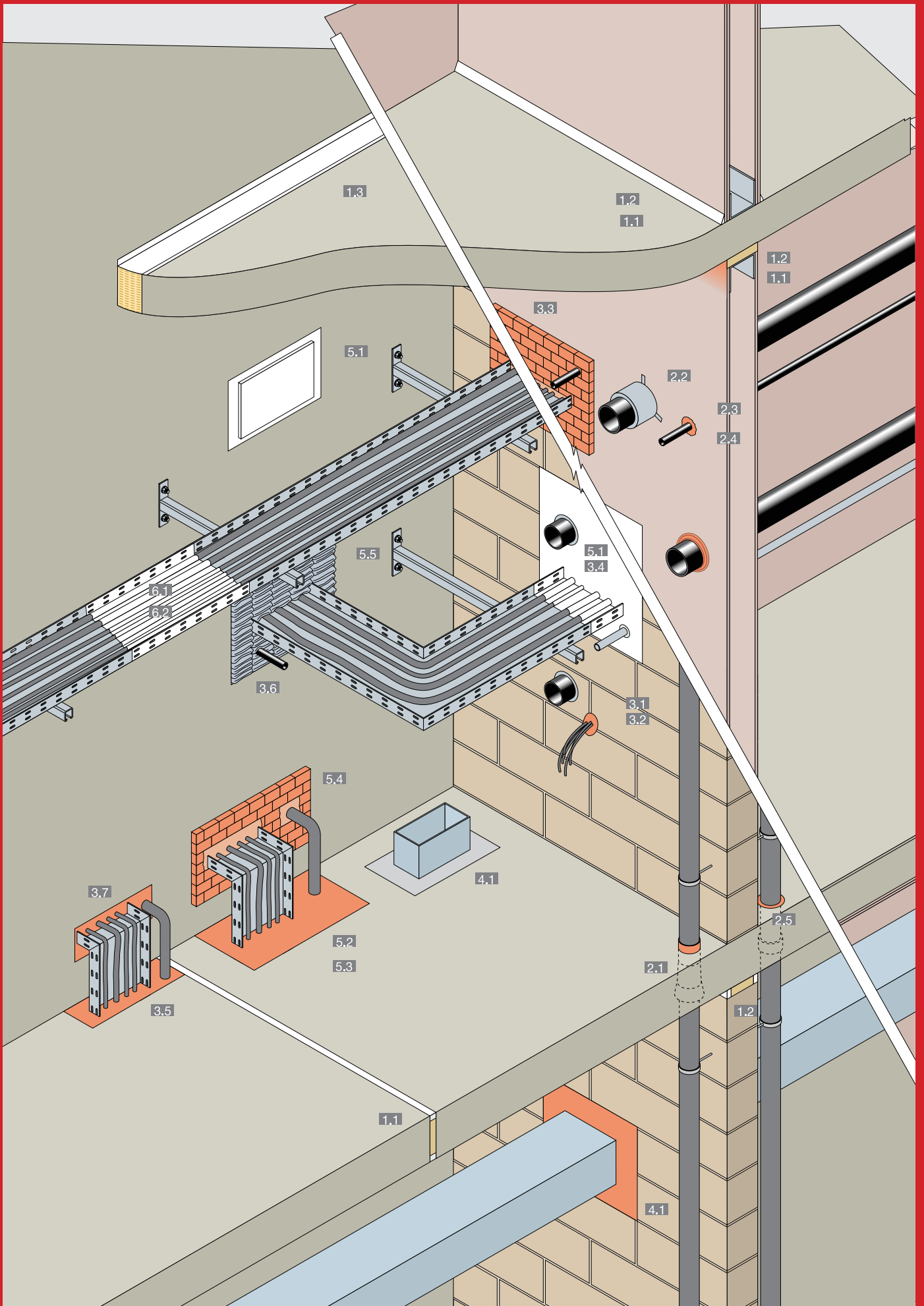
Insulated Duct



1. Fire Sealant Application







Divider	Hilti product	Description	Application	Fire rating
Joints	1.1 CP 601S	Elastic Firestop Sealant	Movement joints	up to 4 hours
	1.2 CP 606	Fire Resistant Joint filler	Rigid or low movement joints	up to 4 hours
	1.3 CFS-SP-WB	Firestop Joint Spray	Curtain wall joints/performance joints	up to 4 hours
Pipes	2.1 CP 680	Firestop Cast-in Device	Plastic and metal pipes with diameters up to 160 mm	up to 3 hours
	2.2 CP 644	Firestop Collars	Plastic pipes with diameters up to 250 mm	up to 4 hours
	2.2 CP 643 N	Firestop Collars	Plastic pipes with diameters up to 160 mm	up to 3 hours
	2.3 CP 611A	Intumescent Firestop Sealant	Metal and plastic pipes	up to 3 hours
	2.4 CP 601S	Elastic Firestop Sealant	Metal pipes	up to 2 hours
	2.4 CP 620	Firestop Foam	Metal pipes (also for restricted access applications)	up to 2 hours
	2.4 CP 648	Firestop Wrap Strip	Plastic pipes with diameters up to 160 mm	up to 4 hours
Cable and cable trays	3.1 CP 611A	Intumescent Firestop Sealant	Single cables, jacketed cables and cable bundles	up to 4 hours
	3.2 CFS-PL	Firestop Plug	Flexible sealing of single or bunched cable penetrations	up to 3 hours
	3.3 CFS-BL	Firestop Brick	Flexible sealing of cables and cable trays	up to 4 hours
	3.4 CP 670	FS Coated Board System	Permanent sealing of cables and cable trays	up to 2 hours
	3.5 CP 636	Firestop Mortar	Permanent sealing of cables and cable trays	up to 4 hours
	3.6 CP 651N	Firestop Cushion	Flexible sealing of cables and cable trays	up to 2 hours
	3.7 CP 620	Firestop Foam	Sealing of metal pipes and cables in restricted access applications	up to 2 hours
HVAC	4.1 CP 636	Firestop Mortar	Sealing around metal ductwork with fire damper	up to 4 hours
	4.1 CP 637	Firestop Mortar	High strength seal for metal ductwork with fire damper	up to 4 hours
	4.1 CP 638 HS FS	Firestop Mortar	High strength seal for metal ductwork with fire damper	up to 4 hours
Multiple/blank	5.1 CP 670	FS Coated Board System	Permanent sealing of metal and plastic pipes, cables and cable trays, in conjunction with other products, and sealing of blank openings	up to 2 hours
	5.2 CP 636	Firestop Mortar	Permanent sealing of metal and plastic pipes, cables and cable trays, in conjunction with other products – walls	up to 2 hours
	5.2 CP 637	Firestop Mortar	Permanent sealing of metal and plastic pipes, cables and cable trays, in conjunction with other products – walls and floors	up to 3 hours
	5.2 CP 638 HS FS	Firestop Mortar	Permanent sealing of metal and plastic pipes, cables and cable trays, in conjunction with other products – walls and floors	up to 3 hours
	5.3 CP 620	Firestop Foam	Permanent sealing of metal pipes, cables and cable trays, in conjunction with other products	up to 2 hours
	5.4 CFS-BL	Firestop Brick	Flexible sealing of metal and plastic pipes, cables and cable trays, in conjunction with other products	up to 4 hours
Cable Coatings	6.1 CP 678	Intumescent Cable Coating	Intumescent fire retardant coating	
	6.2 CP 679A	Ablative Firestop Cable Coating	Ablative fire retardant coating	

2. Fire Rated Steel Doors / Louvers / Access Panel

Single Door



Single Door + Vision



Double Door



Double Door + Vision



Glass Door



Kahramaa Solid Door



Kahramaa Louver Door



Access Panel



Fire Rated Louver

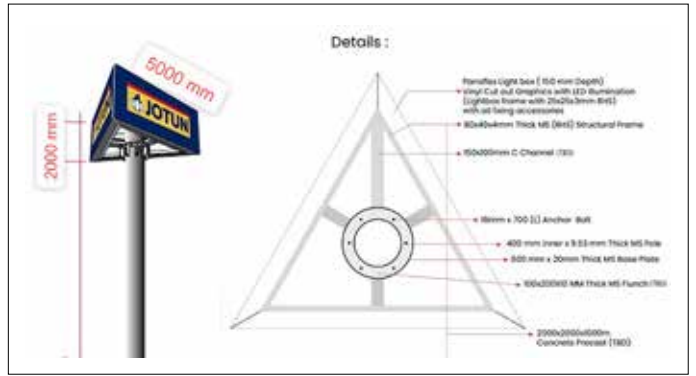


4. Fabrication Works

Signage



Pylon



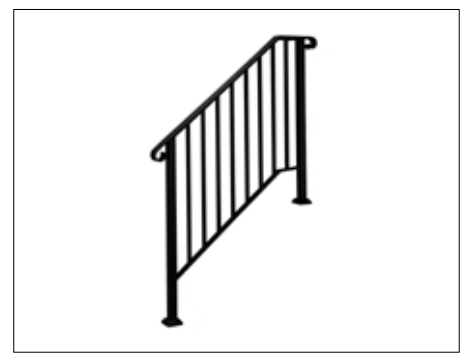
Hand Rail



Pylon



Hand Rail



FHRC Single



FHRC Double



FHRC Single - SS



FHRC Double - SS



FHRC Glass



FHRC Leg



5. Water Tight Sealant / Water Proof Works / Epoxy

Water Tight Sealant



Water Tight Sealant



Water Tight Sealant



Water Tight Sealant



Water Tight Sealant



Wet Area Water Proof



Wet Area Water Proof



Roof Water Proof



Roof Water Proof



Epoxy



Epoxy



Some of the Buildings Protected by Us!

City Center Doha



Hamad International Airport



Doha Festival City



Metro Red Line



Woqod Petrol Station



Abraj Quartier



Education City - PMS



MOI Headquarters





**WE
THE
MASTERS
OF PASSIVE
FIRE
PROTECTION**

**“SPEND
A FEW
TO SAVE
A HUGE”**

**“WHEN IT COMES TO PASSIVE FIRE PROTECTION WE
RECOMMEND **US** TO BE IN SAFER SIDE”**



QATAR

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