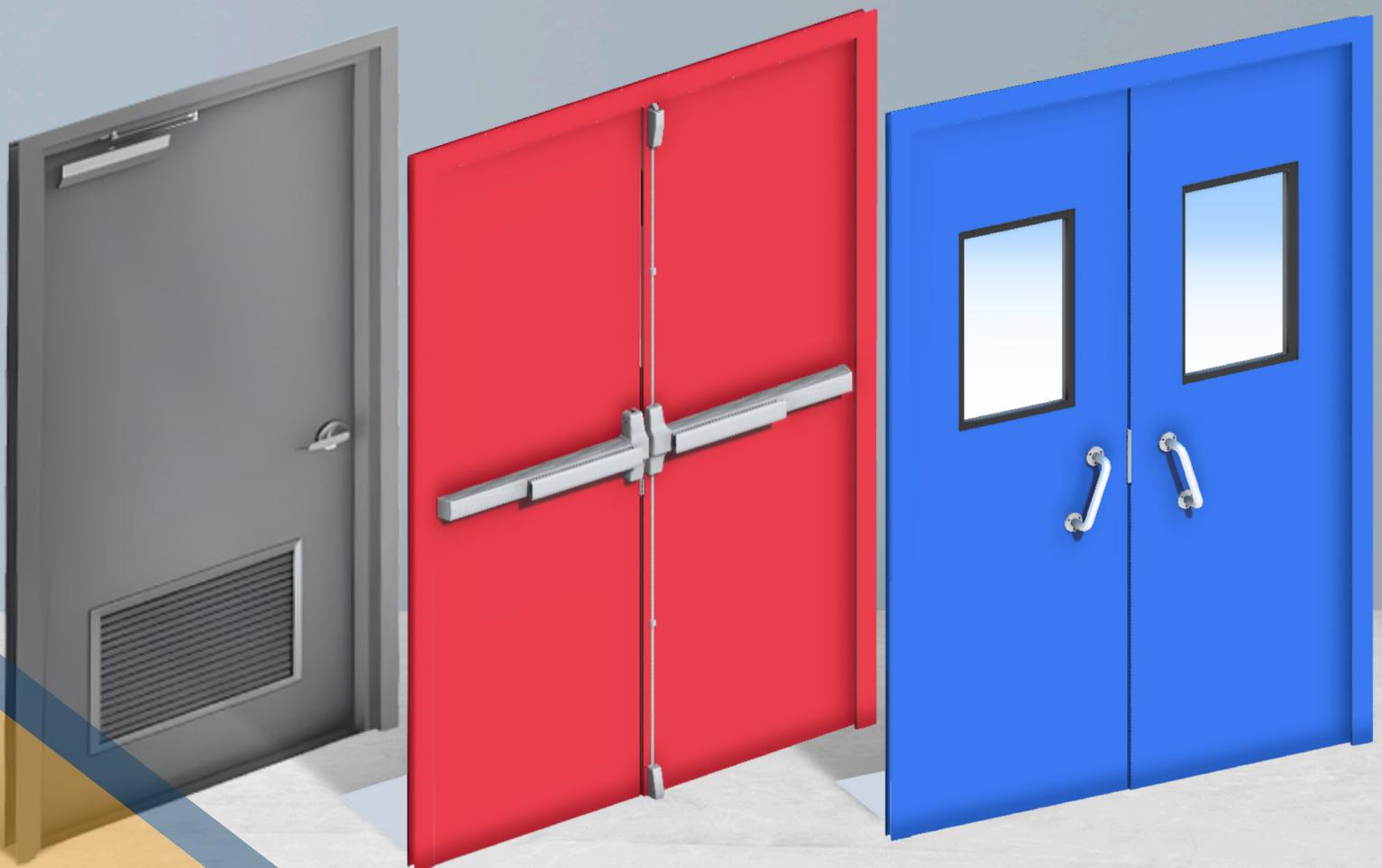




T.E.S Doors





T.E.S. Doors

We manufacture specialized metal doors designed for high-performance, hygienic, and fire-safe environments. Our product range includes **Hygienic Doors** for clean areas and **Fire Rated Doors** for certified fire protection

- Custom designs to meet project needs
- Compliant with international standards
- Specialized solutions for industrial, and commercial use
- In-house manufacturing, fast delivery, and professional installation



Hygienic Doors

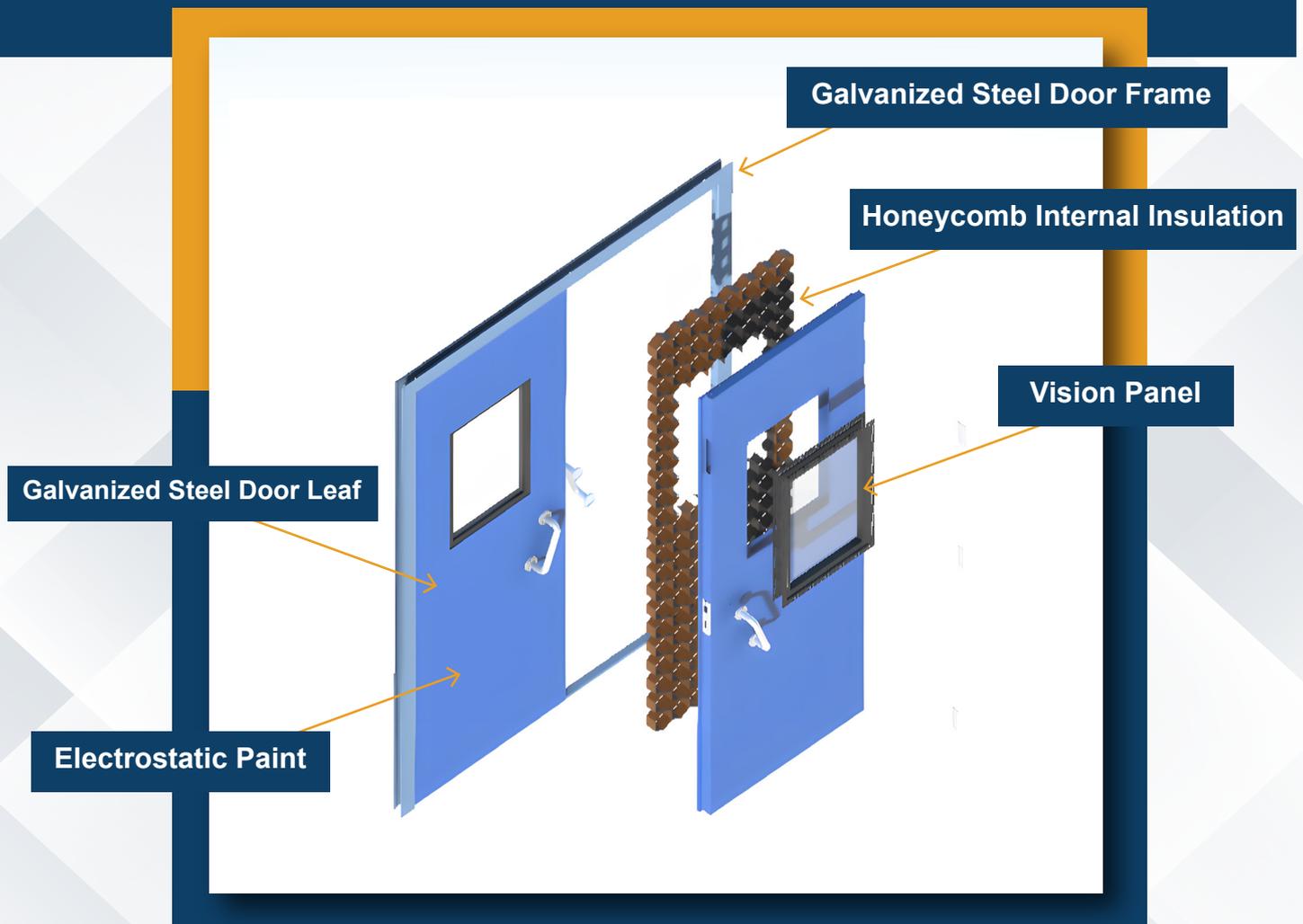


Fire-rated Doors

Hygienic Doors

We design and manufacture hygienic doors for cleanrooms, hospitals, labs, and food facilities where cleanliness and durability are critical.

- Smooth, easy to clean surfaces
- Resistant to chemicals, moisture, and bacteria
- Flush design with hygienic grade finishes
- Integrated with interlock systems for contamination control
- Compliant with ISO 14644, GMP, ANSI/SDI A250.8, ANSI A115, and ASTM A924 standards



Door Frame

Hygienic door frames are built for clean environments, offering smooth finishes and tight integration with walls

- Made from galvanized steel with hygienic powder coating
- Flush design
- Easy to clean
- Suitable for various wall types



Door Leaf

The door leaf ensures a smooth, sealed surface essential for hygiene in clean environments

- Galvanized steel with powder-coated finish
- Easy to clean and resistant to moisture and chemicals
- Compatible with interlock systems and access control
- Available in single or double leaf configurations
- Includes internal insulation and drop seals for thermal and contamination control



Internal Insulation

Our hygienic doors are internally reinforced with a honeycomb core, offering lightweight, strength, durability, and stability while supporting cleanroom hygiene standards



- Corrosion resistant, and moisture resistant
- Enhances structural integrity without adding extra weight
- Provides flat, rigid support for smooth door surfaces
- Ideal for controlled environments requiring frequent cleaning
- Available with aluminum and paper honeycomb cores

Coating

Our doors are finished with high-quality electrostatic powder coating, ensuring a smooth, hygienic, and durable surface suitable for clean environments.



- Uniform, smooth finish
- Resistant to chemicals, moisture, and cleaning agents
- Anti-bacterial surface
- Available in various RAL colors based on project needs

Doors Accessories

Hygienic door accessories are carefully selected to meet high standards of cleanliness and durability. They include stainless steel hinges and handles as well as gaskets and seals. All components are designed to ensure smooth operation, easy cleaning, and reliable long-term performance in controlled environments.



Handle



Cylinder Lock



Hinges



Hydraulic Closer



Drop Seal



Panic Bar



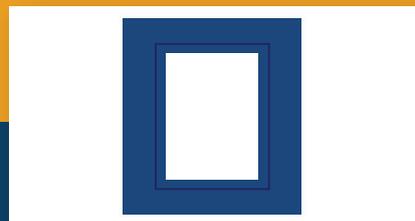
Top And Bottom Flush bolt



Kick Plate



Pull And Push Handle

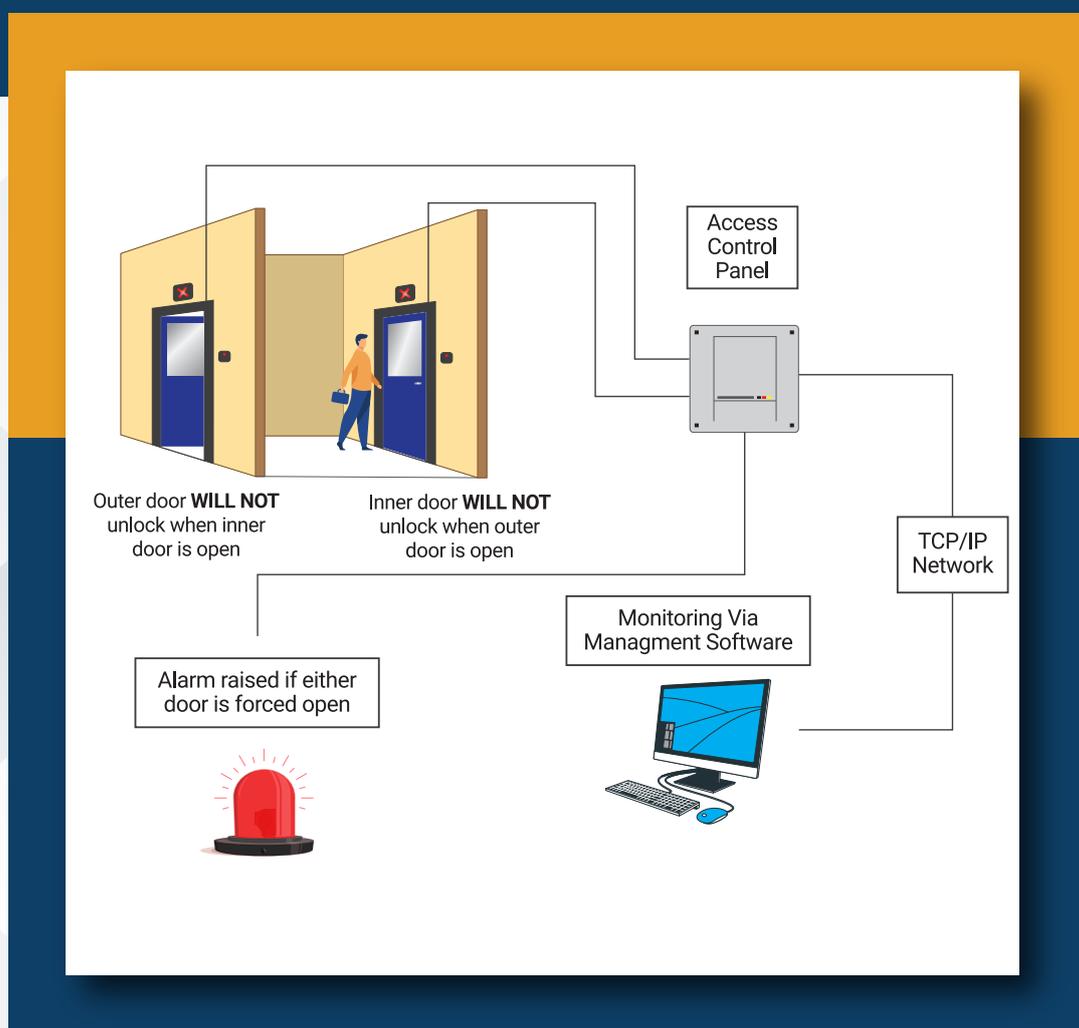


Vision Panel

Interlock System

We provide interlock systems to improve cleanroom safety and contamination control.

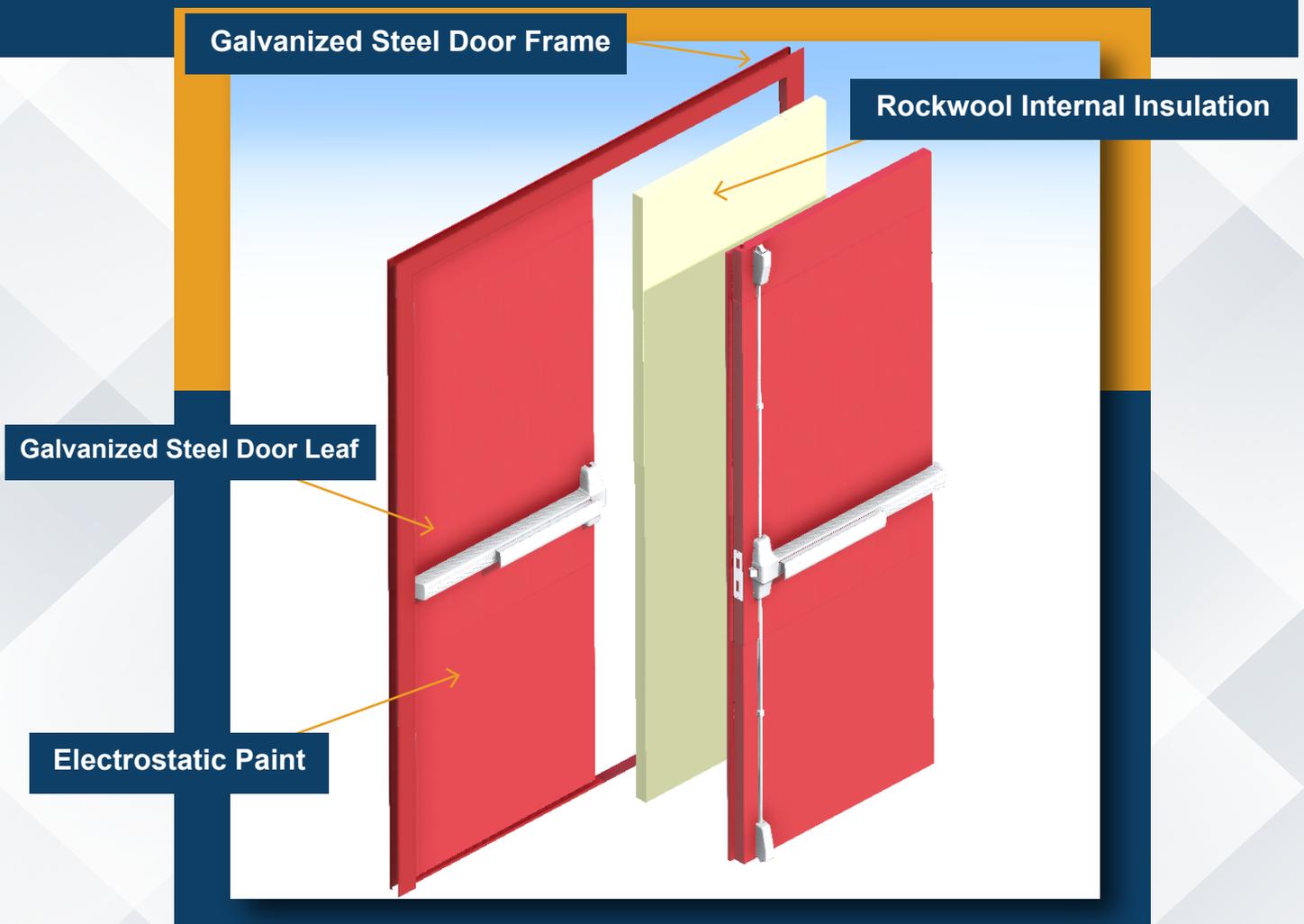
- Can be configured for more than five doors simultaneously
- ensures that one door must be fully closed before the next door can be opened
- Prevents cross-contamination
- Includes access control and indicator lights
- Available in both mechanical and magnetic types
- Push button on door or frame for easy access
- LED indication showing whether the door is open or closed



Fire-rated Doors

Our fire rated doors are designed to provide certified fire resistance, protecting lives and property by containing fire and smoke within critical areas for a specified period.

- Fire resistance rating for 120 minutes
- Galvanized steel construction with fire-resistant core
- Includes intumescent strips, Drop Seals, and certified fire-rated hardware
- Suitable for commercial, industrial, and life safety applications
- All our doors are designed and manufactured in compliance with internationally recognized standards and fire safety codes



Certificated & Standards

- T.E.S Fire rated doors are designed in accordance with international standards and codes such as ANSI/SDI A250.8, ASTM A924, ANSI A115, NFPA 101, NFPA 80, NFPA 252, and UL 10B
- The doors have been officially tested and certified by the Housing and Building National Research Center (HBRC), ensuring compliance with top safety and performance standards
- T.E.S Doors are committed to staying ahead of evolving building codes, safety regulations, and customer preferences by continuously adapting its products and processes to deliver high-quality, compliant, and competitive solutions.

| Test Sample | Property | Result |
|---|-------------|--------|
| Single swinging metal door assembly Dimensions: (220 cm H x 100 cm W) Supplier: مكتب الأعضام الهندسية | Fire rating | 2-h |

CONCLUSION
The single swinging metal door assembly was subjected to a fire resistance test in accordance with test procedure NFPA 252. It has succeeded to fulfill the requirements of the test standard for fire rating of **120 minutes** as illustrated in the following table.

Remarks

- This result is only valid for the sample delivered to the fire Laboratory.
- This report is valid for only one year from issuing date.
- The sample was delivered to the laboratory by the entity requesting the test.
- The aforementioned data according to what was mentioned in the letter of the body requesting the test without any responsibility on the center.
- The attached results apply only to the results are not valid for the approval of any quantitative production / and practices / supplies / as well as export and is not considered as a conformity certificate.

Tested and report by
Dr. M. M. Ibrahim
Eng. Aya M. Zaki

Reviewed by
Eng. Ahmed Adel
Ass. Prof. Hamada Shoukry

Head of Fire Dept.
Prof. Dr. S. Shabli

Director of Institute
Prof. Dr. M. A. Hassan

Door Frame

We provide durable steel door frames designed to meet fire safety standards. Our frames are tested and certified for reliable protection.

- Made from Galvanized steel
- Fire rating for 120 minutes
- Suitable for walls and steel partitions
- Custom sizes and finishes upon request



Door Leaf

We supply fire-rated door leaves built for safety, durability, and compliance with international fire standards.

- Manufactured from Galvanized steel with internal fire-resistant core
- Certified for 120 minutes fire rating
- Available in single or double-leaf configurations
- Compatible with smoke seals
- Smooth finish with powder coating
- Available in custom sizes with a wide range of hardware options



Internal Insulation

Our fire-rated doors are internally insulated with high-density rockwool 70 kg/m³. This core acts as a thermal barrier, slowing down heat transfer and maintaining the integrity of the door during fire exposure.

- Fire-resistant for 120 minutes
- Maintains door stability under high temperatures
- Excellent thermal and acoustic insulation
- Lightweight yet durable core material



Coating

Our fire-rated doors are finished with electrostatic powder coating, providing a smooth, durable, and corrosion-resistant surface.

- Uniform and high-quality finish
- Excellent adhesion to steel surfaces
- Scratch and impact resistance
- Protects against rust and moisture
- Available in a wide range of RAL colors
- Suitable for indoor and outdoor use



Accessories

All the door accessories are UL listed and made of stainless steel to ensure durability, corrosion resistance, and compliance with high safety standards.



Panic Bar



Handle



Hinges



Cylinder Lock



Hydraulic Closer



Top And Bottom Flush bolt



Kick Plate



Pull And Push Handle



Fire Rated Louvers

Electrical Room Doors

T.E.S Fire Rated Doors are used in electrical rooms where fire resistance and ventilation are essential. They protect critical electrical equipment while meeting fire and safety standards.

- Fire resistance for 120 minutes.
- Galvanized steel construction with Rockwool insulation.
- Fire-rated louvres for ventilation and automatic sealing in fire.
- Electrostatic powder-coated finish.
- Certified fire-rated hardware and smoke seal compatibility.



Fire Rated Louvers

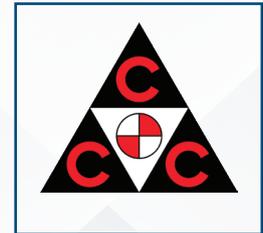
Fire Rated Louvers in Electrical Room Doors provide ventilation for electrical rooms while ensuring fire protection. They allow airflow in normal conditions and automatically seal during a fire.

- Maintain air circulation to prevent overheating.
- Fusible link for automatic closure in fire
- Fire resistance for 120 minutes.
- Certified to international fire safety standards.
- Made from Galvanized steel.





Success Partners





Success Partners



T.E.S.[®]

Technical for Engineering Services



Scan QrCode

 (002) 0110 193 0340  (002) 0105 086 2504  Info@tes.com.eg  www.tes.com.eg

 **OFFICE ADDRESS:** Safari Mall, first floor, Plot No.3, Block 11, New Borg El Arab city, Alexandria