



CERTIFICATE OF APPROVAL
No CF 705

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

TECHNICAL METAL INDUSTRIAL CO. L.L.C

P.O. Box: 41558
Abu Dhabi
United Arab Emirates
Tel: +971 2 5515022 Fax: +971 2 5515033

Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

**Mineral Fibre Cored
Steel Doors**

TECHNICAL SCHEDULE

**TS12 Hinged or Pivoted Fire
Resisting Pedestrian Type
Doorsets with Metallic Leaves
and Frames**

Signed and sealed for and on behalf of CERTIFIRE

Sir Ken Knight
Chairman - Management Council

Issued: 29th October 2009
Valid to: 28th October 2014

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CERTIFICATE No CF 705
TECHNICAL METAL INDUSTRIAL CO. L.L.C

TECHNICAL METAL INDUSTRIAL CO LLC – Mineral Fibre Cored Steel Doors

1. This approval relates to the use of the above doorsets in providing fire resistance of up to 240 minutes integrity as defined in BS 476: Part 22: 1987. Subject to the undermentioned conditions, the doors will meet the relevant requirements for fire resisting doorsets for periods of up to 240 minutes (dependant upon design limitations).
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.'
3. The doors are approved on the basis of:
 - i) Initial type testing
 - ii) Audit testing at the frequency specified in TS12
 - iii) A design appraisal against TS12
 - iv) Inspection and surveillance of factory production control
 - v) Certification of quality management system to ISO 9001: 2008.
4. The doorsets comprise door leaves with metallic leaves, for use with metallic frames (code MM).
5. This approval is applicable to single-acting, single and double-leaf, latched MM doorsets at leaf dimensions up to those given in Table 1.
6. Hardware items, including closing devices, shall be CERTIFIRE approved for use with metal (MM) doorsets or otherwise as specified in the data sheet.
7. The doorsets shall be mechanically fixed to wall constructions having a fire resistance of at least the same period as the doorset.
8. This certificate does not include any approval relating to the mechanical requirements of the doorsets specified in TS 12.
9. Labels to the CERTIFIRE design referencing Technical Metal Industrial Co LLC, CERTIFIRE and CERTIFIRE Ref. No. CF 705 and the relevant fire resistance shall be affixed to each door in the prescribed position.

A handwritten signature in black ink, appearing to be "J. Smith", written over a faint circular stamp.



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Table 1: Maximum Permissible Door Leaf Dimensions for Latched Single and Double-Leaf Doorsets (Galvanised Mild Steel)

Integrity (mins)	Max. Height (mm)	Max. Width (mm)	Subject to Max. Leaf Area of (m ²)
up to 120	2772	1222	2.7
up to 240	2452	1081	2.4

The maximum specified leaf area shall never be exceeded, regardless of maximum height and width specified

10. This approval relates to on going production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name and mark together with the CERTIFIRE Certificate number and application where appropriate.