



CERTIFICATE OF APPROVAL

No CF 852

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

AL MUHALAB CONTRACTING & TRADING CO.

Subhan Industrial Area, Block No. 3, Building No 61,
Street No. 101, Safat 13033, Kuwait
Tel: + (965) 24724693/4, Fax: + (965) 24724695

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, Stiffened,
Mild Steel Doorsets

TECHNICAL SCHEDULE

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

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued: 23rd June 2011
Revised: 16th July 2020
Valid to: 23rd October 2021

Page 1 of 3





CERTIFICATE No CF 852

AL MUHALAB CONTRACTING & TRADING CO.

MINERAL FIBRE CORED, STIFFENED, MILD STEEL DOORSETS

1. This approval relates to the use of the above doorsets in providing fire resistance of up to 120 minutes integrity as defined in BS 476: Part 22: 1987.
2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
3. The doors are approved on the basis of:
 - i) Initial type testing.
 - ii) A design appraisal against TS12.
 - iii) Inspection and surveillance of factory production control.
 - iv) Audit testing as defined in TS12.
4. The doorsets comprise mild steel door leaves hung within mild steel frames.
5. This approval is applicable to complete doorsets only.
6. This approval is applicable to single-acting, double-leaf, latched doorsets at leaf dimensions up to those given in Tables 1 to 3.
7. Hardware items, including closing devices, shall be CERTIFIRE approved or otherwise as specified in the data sheet.
8. The doorsets shall be mechanically fixed to wall constructions having a fire resistance of at least the same period as the doorset.
9. This certificate does not include any approval relating to the mechanical requirements of the doorsets specified in TS12.



CERTIFICATE No CF 852

AL MUHALAB CONTRACTING & TRADING CO.

Maximum Permitted Door Leaf Dimensions

Table 1: '2 hour fire rated steel, double-leaf doors'

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Subject to Maximum Door Leaf Area of (m ²)
120	2484 (at 994 wide)	1098 (at 2250 high)	2.47

Table 2: '1 hour fire rated steel, double-leaf doors'

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Subject to Maximum Door Leaf Area of (m ²)
60	2700 (at 992 wide)	1193 (at 2246 high)	2.68

Table 3: '½ hour fire rated steel, double-leaf doors'

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Subject to Maximum Door Leaf Area of (m ²)
30	2808 (at 990 wide)	1242 (at 2238 high)	2.78

10. Doorsets shall be single-acting, double-leaf. All doorsets shall be latched and flush bolted.
11. Labels to the CERTIFIRE design referencing Al Muhalab Contracting & Trading Co., CERTIFIRE and CERTIFIRE Ref. No. CF 852 shall be affixed to each door in the prescribed position.
12. 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 (CF 852) and application where appropriate.