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## CERTIFICATE OF APPROVAL

### No CF 815

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

**SHAKTI HORMANN PRIVATE LIMITED**  
H.no. 2-67/1 (Survey No. 188, 198) Gagillapur, Dundigal Municipality,  
Dundigal, Gandimaisamma, Mandal, Medchal (Malkagiri) District  
500 043. TS. I

Tel: +91-40-27840394 / 5 Fax: +91-40-27892327  
Have been assessed against the requirements of the Technical Schedule(s)  
denoted below and are approved for use subject to the conditions  
appended hereto:

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#### CERTIFIED PRODUCT

Shakti Hormann Private Limited  
Paper Honeycomb Cored 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: 10<sup>th</sup> January 2011  
Reissued: 28<sup>th</sup> July 2021  
Valid to: 27<sup>th</sup> July 2026





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## CERTIFICATE No CF 815

### SHAKTI HORMANN PRIVATE LIMITED

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#### SHAKTI HORMANN PRIVATE LIMITED PAPER HONEYCOMB CORED 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) Certification of quality management system to ISO 9001: 2008.
  - iv) Inspection and surveillance of factory production control.
  - v) Audit testing as defined in TS12.
4. The doorsets comprise steel door leaves hung within steel frames.
5. This approval is applicable to complete doorsets only.
6. This approval is applicable to single-acting, single and double-leaf, latched doorsets at leaf dimensions up to those given in Table 1.
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.
10. Doorsets shall be single-acting, single or double leaf. Double-acting doorsets are not included within the scope of this assessment.

## CERTIFICATE No CF 815 SHAKTI HORMANN PRIVATE LIMITED

SHAKTI HORMANN PRIVATE LIMITED PAPER HONEYCOMB CORED MILD STEEL DOORSETS

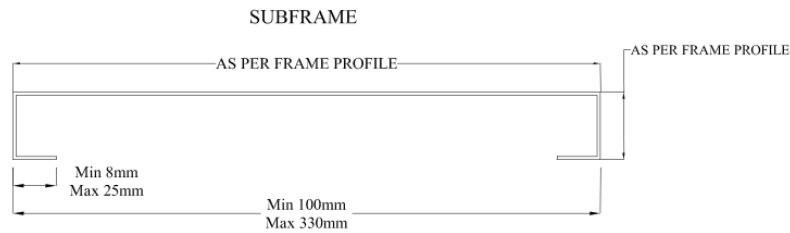
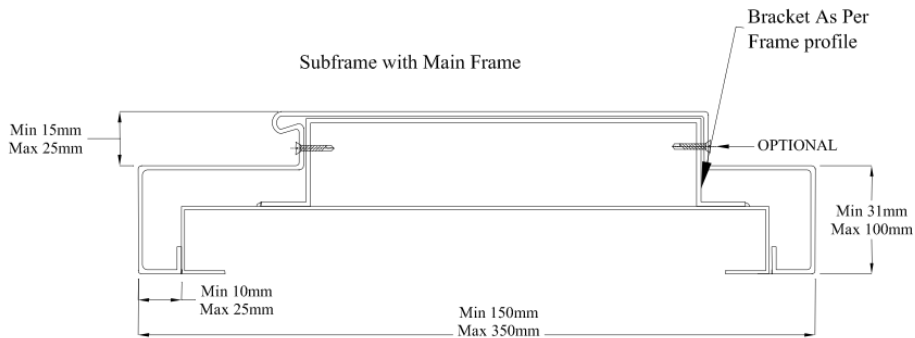
**Table 1. Maximum Permitted Door Leaf Dimensions**

Doorset Configuration	Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Subject to Maximum Area of (m <sup>2</sup> )
unlatched double-leaf doorsets	120	2760 (at 1043 mm wide)	1150 (at 2504 mm high)	2.88
unlatched double-leaf doorsets	60	3000 (at 1040 mm wide)	1250 (at 2496 mm high)	3.12
Latched/bolted double-leaf doorsets	120	3105 (at 1203 mm wide)	1326 (at 2817 mm high)	3.74
Latched/bolted double-leaf doorsets	60	3375 (at 1199 mm wide)	1441 (at 2808 mm high)	4.05
<u>latched</u> , single-leaf doorsets	120	3105 (at 1203 mm wide)	1326 (at 2817 mm high)	3.74
<u>latched</u> , single-leaf doorsets	60	3375 (at 1199 mm wide)	1441 (at 2808 mm high)	4.05
<u>unlatched</u> , single-leaf doorsets	120	2760 (at 1043 mm wide)	1150 (at 2504 mm high)	2.88
<u>unlatched</u> , single-leaf doorsets	60	3000 (at 1040 mm wide)	1250 (at 2496 mm high)	3.12

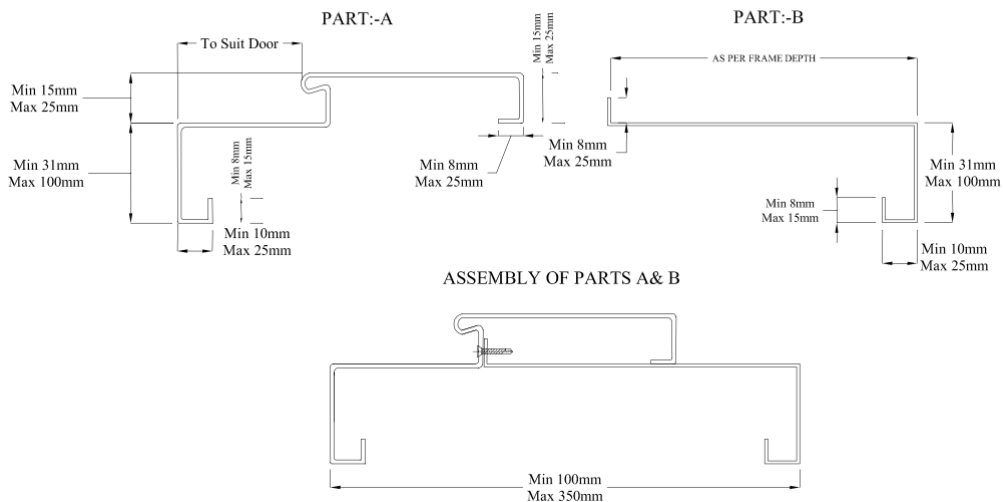
11. Labels to the CERTIFIRE design referencing SHAKTI HORMANN PRIVATE LIMITED, CERTIFIRE and CERTIFIRE Ref. No. CF815 shall be affixed to each door in the prescribed position.
12. This approval relates to on-going production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name and mark together with the CERTIFIRE Certificate number (CF815) and application where appropriate.

## CERTIFICATE No CF 815 SHAKTI HORMANN PRIVATE LIMITED

### Additional Frame Profile Options and Details:

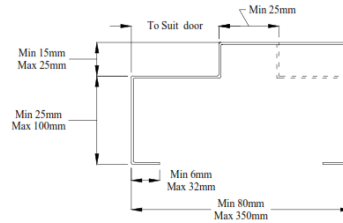
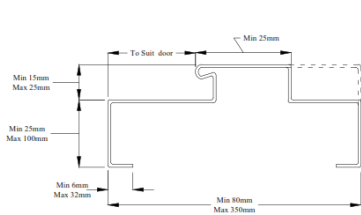


### Double Architrave(A+B) Frame Profile Details



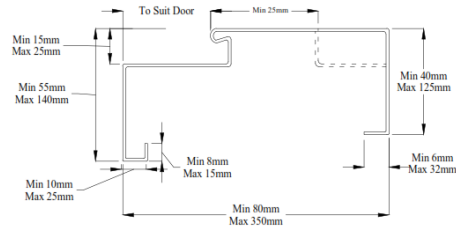
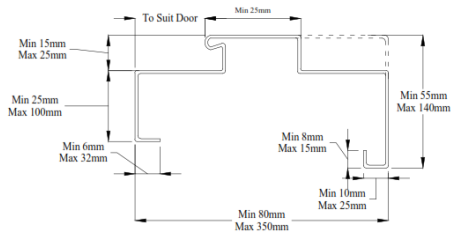
Tolerance  $\pm 4$ mm  
Sheet Thickness Tolerance:  $\pm 0.25$ mm  
All dimensions are in mm

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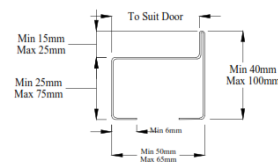
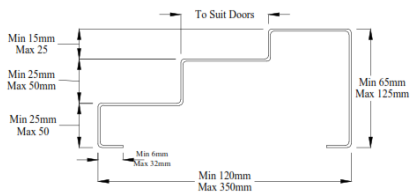
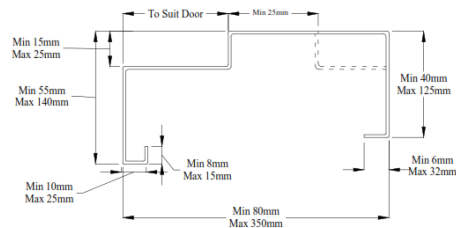
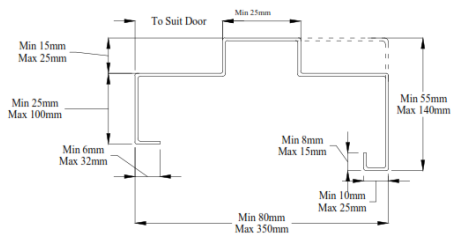
FRAME WITH ARCHITRAVE ON PUSH SIDE

FRAME WITH ARCHITRAVE ON PULL SIDE



FRAME WITH ARCHITRAVE ON PUSH SIDE

FRAME WITH ARCHITRAVE ON PULL SIDE



Tolerance = 4mm  
Sheet Thickness Tolerance: ±0.25mm  
All dimensions are in mm

**NOTE: Drawing No's. SML/FD6/001 to 048 (retained on file by WCL and SHAKTI HORMANN PRIVATE LIMITED. provide full additional details of various constructional details of the doors which are considered acceptable alternatives, where applicable, to the constructional specification given above.**