



GUJARAT TEST HOUSE

Plot No. 292, Road No. 4, G.I.D.C. Kathwada, Ahmedabad-382 430. (Gujarat) INDIA
(M) +91 93747 30350, 98250 63601, 99099 69603 • E-mail : gth292@gmail.com/ info@gthah.com • Website : www.gthah.com

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TEST REPORT

Issued to:

BASIC DOORS

240, Bhawani Peth, New Timber Mkt Rd,
Nr. Ramoshi Gate Police Chowky,Pune(Maharashtra),INDIA
PINCODE- 411042

TEST REPORT AS PER IS : 3614 [WITH AMENDMENT NO{S}]

Your Ref.: Mail

Report No.: 267/22/GTH/BD

Dt.of Receipt: 21.12.2022

Ref.Dt.: -

Report Dt.: 28.02.2023

Dt.of Test Start: 23.02.2023

Dt.of Test End: 24.02.2023

PART-A : PARTICULERS OF SAMPLE SUBMITTED:

- a) Nature of Sample : Metallic & Non-Metallic Fire Check Door-Resistance test & Performance Criteria
- b) Grade/Variety/Type/Class : **Insulated - Metallic Door - 120 minutes Fire Rated**
- c) Brand Name,if any : -
- d) Declared Value,if any : Single Leaf door of :745 X 1420mm-with frame
- e) Code No. : -
- f) Batch No.& Date of Mfg. : -
- g) Quantity : 1 with frame
- h) Mode of Packing : Packed in wooden case
- i) Manner of Seal : -
- j) Manner of Signature : -
- k) Any other information : Drawing of Door attached by manufacturer

PART-B: SUPPLIMENTRY INFORMATIONS:

A)Reference to the sampling procedure,wherever applicable : N.A

B) Supporting to the documents for the measurement taken and result derived like graph, tables,sketches,and/or photographs as appropriate to test report,if any [To be attached] : N.A

C)Deviation from the test methods as prescribed in relevant ISS/work instruction,if any : N.A

• Bank A/C No.: 35 19 02 00 00 06 87 • Bank : Bank of Baroda (Kathwada Br.) • IFSC Code : BARB0KATHWA (0=Zero)

India's first ISO/IEC : 17025 Accredited Lab for : • Fire checks doors • Decorative laminated sheets • Safety/durability/performance test for security products

India's first ISO/IEC : 17025 Accredited Private Lab for : Tyre testing (passenger car, commercial vehicle , two-three wheeler)



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PART C. TEST RESULTS:

Sr.	Test Requirement	Observation																																		
01	Test Sample description:	Declared by manufacturer: <table border="1"> <tr> <td>Type of door</td> <td>Single Leaf</td> </tr> <tr> <td>Size –with frame(mm)</td> <td>Wide:745 X Height 1420</td> </tr> <tr> <td>Gap Sealing</td> <td>Intumescent to seal the gap</td> </tr> <tr> <td>Accessories</td> <td>Hings, Lock with key, handle</td> </tr> <tr> <td>Insulation Material</td> <td>Honey comb</td> </tr> </table>	Type of door	Single Leaf	Size –with frame(mm)	Wide:745 X Height 1420	Gap Sealing	Intumescent to seal the gap	Accessories	Hings, Lock with key, handle	Insulation Material	Honey comb																								
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02	Test Condition:	Test was initiated at ambient condition																																		
03	Test Specimen Installation(Gap):	Door was installed with opening outside of the furnace. Gap of 2mm between door leaf edge & door frame																																		
04	Furnace temperature:	Recorded by thermocouples Arranged in internal furnace temperature & unexposed surface temperature of the door. Table-1 : Furnace & Exposed face temperature (°C): <table border="1"> <thead> <tr> <th rowspan="2">Time (min)</th> <th colspan="2">Furnace Temp.(°C)</th> <th rowspan="2">Exposed face temp.(°C) Max.</th> </tr> <tr> <th>Standard</th> <th>Actual</th> </tr> </thead> <tbody> <tr> <td>05</td> <td>556</td> <td>5571</td> <td>41</td> </tr> <tr> <td>10</td> <td>659</td> <td>712</td> <td>130</td> </tr> <tr> <td>15</td> <td>718</td> <td>804</td> <td>278</td> </tr> <tr> <td>30</td> <td>821</td> <td>863</td> <td>269</td> </tr> <tr> <td>60</td> <td>925</td> <td>932</td> <td>271</td> </tr> <tr> <td>90</td> <td>986</td> <td>941</td> <td>234</td> </tr> <tr> <td>120</td> <td>1029</td> <td>964</td> <td>241</td> </tr> </tbody> </table>	Time (min)	Furnace Temp.(°C)		Exposed face temp.(°C) Max.	Standard	Actual	05	556	5571	41	10	659	712	130	15	718	804	278	30	821	863	269	60	925	932	271	90	986	941	234	120	1029	964	241
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Sr.	Test requirement	Observation																						
05	Pressure condition	Within 2.4 to 2.8 (mm of H ₂ O) Overall pressure measured & monitored at 100mm from the underneath surface for the horizontal specimen & at a point located approximately at three quarters of the height of the test specimen.																						
06	Stability:	<table border="1"> <tr> <td>Deformation of test specimen</td> <td>No deformation observed</td> </tr> <tr> <td>separation of door frame From wall,</td> <td>No separation of door frame from wall</td> </tr> <tr> <td>separation of door panel from frame</td> <td>No separation of door panel from frame</td> </tr> <tr> <td>Temperature & radiation from steel</td> <td>Refer. Table</td> </tr> <tr> <td>Collapse occurred</td> <td>Stable at frame</td> </tr> <tr> <td>Other factor, if any</td> <td>--</td> </tr> </table>	Deformation of test specimen	No deformation observed	separation of door frame From wall,	No separation of door frame from wall	separation of door panel from frame	No separation of door panel from frame	Temperature & radiation from steel	Refer. Table	Collapse occurred	Stable at frame	Other factor, if any	--										
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07	Additional observation:	<table border="1"> <thead> <tr> <th>Time (min)</th> <th>Observation</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Test initiated</td> </tr> <tr> <td>10</td> <td>No smoke observed at any side</td> </tr> <tr> <td>15</td> <td>No smoke observed at any side</td> </tr> <tr> <td>20</td> <td>No smoke observed at any side</td> </tr> <tr> <td>25</td> <td>No smoke observed at any side</td> </tr> <tr> <td>30</td> <td>No smoke observed at any side</td> </tr> <tr> <td>45</td> <td>No smoke observed at any side</td> </tr> <tr> <td>50</td> <td>No smoke observed at any side</td> </tr> <tr> <td>60</td> <td>No smoke observed at any side</td> </tr> <tr> <td>60-120</td> <td>No smoke observed at any side</td> </tr> </tbody> </table> <p>Note : During the test, Flamme & Smoke, not observed(Not come out.) Observation after 48 Hrs.:</p> <ul style="list-style-type: none"> ○ Door hinges/door function : Found satisfactory operate ○ Opening / Closing of Door: Satisfactory ○ Fire Exposed face of door : No Cracks or Damages observed 	Time (min)	Observation	0	Test initiated	10	No smoke observed at any side	15	No smoke observed at any side	20	No smoke observed at any side	25	No smoke observed at any side	30	No smoke observed at any side	45	No smoke observed at any side	50	No smoke observed at any side	60	No smoke observed at any side	60-120	No smoke observed at any side
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60-120	No smoke observed at any side																							
08	Fire Performance	The door found stable against fire for 120 minutes.																						

PART-D :REMARKS :

- (1) This Report, except in full, shall not be published, advertised, used for any legal action, unless prior permission has been secured.
(2) This Test Report is ONLY FOR THE SAMPLE TESTED.

Test Witnessed by:

- 1) Mr.Prashant Paikra from Basic Door
2) Mr.Sachin Wagh from Larsen & Toubro Ltd.

Project Name:

LARSEN & TOUBRO LIMITED
CIDCO Housing project, Package-IV,
Plot No.2,Secot-19,L&T TFL Office,
Ulwe Node, NAVI MUMBAI.

SEAL:



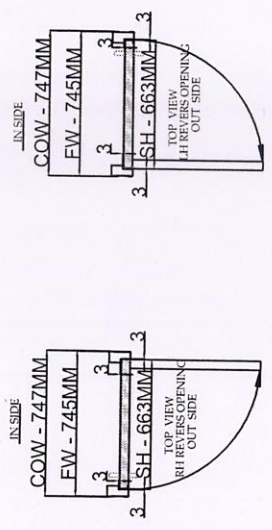
-End of test report-

A.N. Barua
Authorised Signatory
(A.N.Barua-CEO)

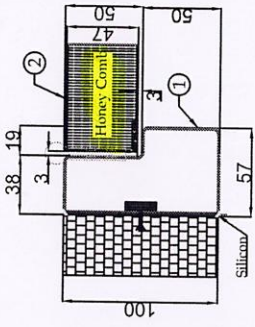
26/22

LEAF HANDLING DETAILS	
RIGHT HAND SIDE	
LEFT HAND SIDE	
RIGHT HAND REVERSE SIDE	
LEFT HAND REVERSE SIDE	
LOCATION	QTY
ELE/E/LV Shaft	RHS/LHS
Door Type	Single-skin / Double-skin
Frame Type	Welded / Knock down
ABBREVIATIONS	
SW	Shutter Width
FW	Frame Width
COW	Civil Opening Width
SH	Shutter Height
FH	Frame Height
COH	Civil Opening Height
FEL	Finished Floor Level
GENERAL DETAILS	
Dwg. No. :-	FD2
Scale :-	NTS
Date :-	21.02.2023
CHEAK LIST	
1:-	
2:-	
CLIENT'S DETAILS	
Name :-	LAJSEN & TOUBRO LIMITED
Project Name :-	CIDCO Housing Project, Package IV
Plot No. :-	2, Sec - 19, L&T PH, Office, Ulwe, Navi Mumbai
TITLE: 2 Hr/120 Min Fire Rated Doors Un-Insulated Metallic Door	
Note :- • All Dimensions are in mm • Tolerance: All linear Dimensions ± 3 mm, others ± 0.5 mm • This Drawing is Showing for locations of Hardware only. Hardware as per approved	

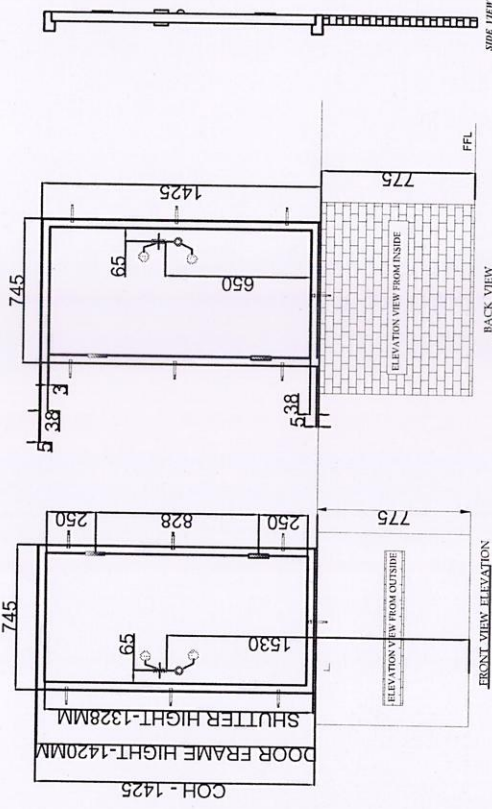
DOOR FRAME & SHUTTER DETAILS						
Door Code	Single/Double	Civil Opening	Door Frame Size	Qty/Insulation	Frame & Shutter Material	Frame & Shutter Finish
FD2	Single	750X1425	745X1420	01	Honey Comb	GI
HARDWARE DETAILS (Each Door)						
SR. NO.	DESCRIPTION					QTY
1	1.2 mm Thick Galvanized Steel Sheet Door Frame - SIZE: 100 mm X 57mm					
2	0.6 mm Thick Galvanized Steel Sheet Door Shutter - SIZE: 663mm X 66mm					
3	SS Ball Bearing Butt Hinges GEZE MAKE					2
4	SS Shaft Handle GEZE MAKE					1
5	Shaft lock with allenkey GEZE MAKE					1
6	Intumescent Strip (Four side)					4.3



Colour Shade :- RAL 9007



(A) FRAME & SHUTTER DETAILS (NOT TO SCALE)



BASIC DOOR

240, Bhandari Park, New Bhandari Centre, Timarpur, Kathmandu, Nepal, 44114, Email :- info@basicdoors.com, Web :- www.basicdoors.com