



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

Page : 1 of 3

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.: 266/22/1/GTH/BD/R	Dt. of Receipt: 21.12.2022
Ref. Dt. : -	Report Dt.: 21.02.2023	Dt. of Test Start: 16.02.2023
		Dt. of Test End: 17.02.2023

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 :1195X 2145mm-with frame
(with one Vision Panel of 200mm wide X 300mm height)
- 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: SUPPLEMENTARY 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:1195 X Height 2145</td> </tr> <tr> <td>Gap Sealing</td> <td>Intumescent to seal the gap</td> </tr> <tr> <td>Accessories</td> <td>Hings. Handle, Panic bar, Door closer</td> </tr> <tr> <td>Vision Panel</td> <td>200mm wide X 300mm height X5mm thick. (Fire resistance Glass)</td> </tr> <tr> <td>Insulation Material</td> <td>Rock wool</td> </tr> </table>	Type of door	Single Leaf	Size –with frame(mm)	Wide:1195 X Height 2145	Gap Sealing	Intumescent to seal the gap	Accessories	Hings. Handle, Panic bar, Door closer	Vision Panel	200mm wide X 300mm height X5mm thick. (Fire resistance Glass)	Insulation Material	Rock wool																						
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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>576</td> <td>43</td> </tr> <tr> <td>10</td> <td>659</td> <td>751</td> <td>134</td> </tr> <tr> <td>15</td> <td>718</td> <td>801</td> <td>287</td> </tr> <tr> <td>30</td> <td>821</td> <td>873</td> <td>270</td> </tr> <tr> <td>60</td> <td>925</td> <td>929</td> <td>279</td> </tr> <tr> <td>90</td> <td>986</td> <td>945</td> <td>236</td> </tr> <tr> <td>120</td> <td>1029</td> <td>958</td> <td>245</td> </tr> </tbody> </table>	Time (min)	Furnace Temp.(°C)		Exposed face temp.(°C) Max.	Standard	Actual	05	556	576	43	10	659	751	134	15	718	801	287	30	821	873	270	60	925	929	279	90	986	945	236	120	1029	958	245
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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 ○ Vision panel : 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:

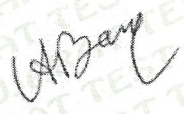
- 1) Mr.Sachin Parmar from Basic Door (Director)
- 2) Mr.Prashant Paikra from Basic Door
- 3) Mr.Avinash Sahu (TCE-HSA JV) from CIDCO, Navi Mumbai.
- 4) Mr.Sachin Wagh from Larsen & Toubro Ltd.

Project Name:

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



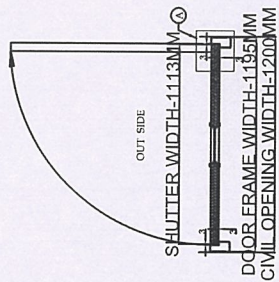
-End of test report-


Authorised Signatory
(A.N.Barua-CEO)

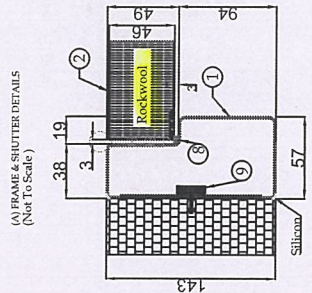
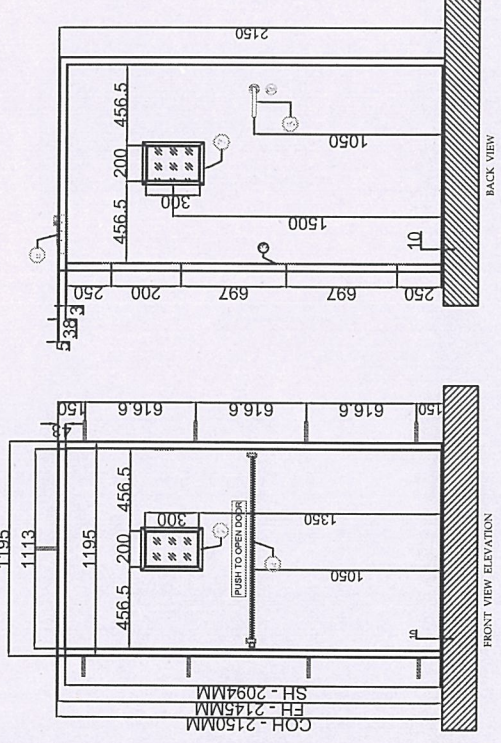
266/22/1/R

DOOR FRAME & SHUTTER DETAILS				
Door Code	Civil Opening	Door Frame Size	Qty	Insulation
FD1	1200x2150	1195x2145	01	Rockwool
				GI

SER. NO.	DESCRIPTION	QTY
1	1.5 mm Thick Galvanized Steel Sheet Door Frame - SIZE :- 143mm X 57mm	
2	1.0 mm Thick Galvanized Steel Sheet Door Shutter - SIZE :- 1113 mm X 46mm	4
3	SS Ball Bearing Butt Hinges - As per approved	1
4	Panic Bar - Single Point rim type :- As per approved	1
5	External trim :- As per approved	1
6	Door Closer Model :- As per approved	1
7	2 Hr Fire Rated Clear Glass: 200 x 300 x 5 mm with Fire Rated Ceramic Tape Both Side with GI Frame.	1
8	Intumescent Stripe Top & Both Side edge	5.5



Colour Shade :- RAL 9007



BASIC DOORS
 240, Bhawan Pali, Near Ramnesh Gate
 Timber Market Road, Pune - 411042 (India) | Tel: 91 20 2464597 / 98
 Email :- info@basicoors.com, Web :- www.basicoors.com

LEAF HANDLING DETAILS	
<input type="checkbox"/> RHA	RIGHT HAND ACTIVE
<input type="checkbox"/> LHA	LEFT HAND ACTIVE
<input type="checkbox"/> RHRA	RIGHT HAND REVERSE ACTIVE
<input type="checkbox"/> LHRA	LEFT HAND REVERSE ACTIVE

LOCATION	QTY	OPENING
STAIRCASE		RHS

ABBREVIATIONS
 SW - Shutter Width
 FW - Frame Width
 COW - Civil Opening Width
 SH - Shutter Height
 FH - Frame Height
 COH - Civil Opening Height
 FL - Finished Floor Level

CHECK LIST	
1:-	
2:-	
GENERAL DETAILS	
Dwg. No. :- BD/FRD/FDI	Rev. No. :- 01
Scale :- NTS	Dim. :- GTC
Date :- 21.02.2023	Clk. :- SSP
CLIENT'S DETAILS	
Name :- LANSIN & TOURNO LIMITED	
Project Name :- CIDCO Housing Project Package IV	
Plot No. :- 2, Sec. :- 19, L&T TPL 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 +2mm, others +0.5mm
 * This Drawing is Showing for locations of Hardware only. Hardware as per approved

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