

TEST SCHEDULE 1/1
(Reference No. – FR / 0360)

1. Name of the Laboratory

Fire Research Laboratory
Central Building Research Institute,
Roorkee-247 667

2. Name of the Party

M/s. Synergy Thrislington
Vill. Bed- Plassi, P.O. Manjholi,
Tehsil – Nalagarh,
Distt- Solan H.P.

3. Evaluation

: Fire Resistance

4. Date of Test

: February 25, 2011

5. Ambient Temperature

: 22 °C

6. Fire Exposure

: As per BS:476, Part 20 & 22, IS:3614

7. Applicability of Test Criteria

: Stability : Yes
: Integrity : Yes
: Insulation : No

8. Specimen Details

: Double Leaf Single Swing G.I. Composite Fire Door
Door Frame
Height : 2210 mm
Width : 1500 mm
Thickness : 125 mm

Door Panel Thickness : 44 mm

9. Specimen Construction

: As shown in Figure 1 and Figure 2
(Drg. No. 1/1 - 0360 (1) and 1/1- 0360 (2))

10. Door Type

: Uninsulated

11. Door Installation

: Opens outwards the furnace chamber

12. Intended Test Duration

: 120 Minutes

Test Results

The data of evaluation reveals that the double leaf single swing G.I. composite fire door specimen has been found to be able to withstand standard fire exposure for 120 min. (One hundred twenty minutes only) with respect to **stability and integrity only**.

(Suresh Kumar)

(Dr. N.K. Saxena)

(Dr. Suvir Singh)

(Technical data provided in this schedule pertains to the specific sample submitted to the Institute and tested. CBRI's name or logo cannot be used for commercial purposes. All procedural, legal, and / or operational matters will be the responsibility of the party using these results. Accepting / Rejecting the results, partly or fully rests with the users agencies.)



FRL FIRE RESEARCH LABORATORY

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