

Exova Warringtonfire  
Holmesfield Road  
Warrington  
WA1 2DS  
United Kingdom

T : +44 (0) 1925 655 116  
F : +44 (0) 1925 655 419  
E : warrington@exova.com  
W: [www.exova.com](http://www.exova.com)



Testing. Advising. Assuring.

**Title:**

The fire resistance performance of a specimen of uninsulated, single-acting, double-leaf doorset, in accordance with BS 476: Part 22: 1987, Clause 8

**Report No:**

194379



**Date:** 13<sup>th</sup> August 2010

**Prepared for:**

**Synergy Thrislington**

Village-Beerplassi  
PO Manjholi Tehsil  
Nalagarh – 174101  
Distt Solan  
Himachal Pardesh  
India

**Notified Body No:**

**0833**



**0249**

# Summary

---

**Objective** To determine the fire resistance performance of a specimen of uninsulated, single-acting, double-leaf doorset when installed within a masonry wall and tested in accordance with Clause 8 of BS 476: Part 22: 1987.

**Sponsor** **Synergy Thrislington**, Village-Beerplassi, PO Manjholi Tehsil, Nalagarh – 174101, Distt Solan (Himachal Pardesh) India.

**Summary of Tested Specimen** The doorset had overall dimensions of 2600 mm high by 2290 mm wide and incorporated two door leaves of overall dimensions of 2557 mm high by 1115 mm wide by 44 mm thick. The door leaves were of a mild steel construction being nominally 1 mm thick and incorporated a mineral wool core of a stated density 144 kg/m<sup>3</sup>.

The secondary leaf was bolted back to the threshold and head of the door frame by means of mortice shoot bolts. The primary leaf was latched to the secondary leaf at 1000 mm up from the threshold. The primary leaf incorporated a glazed aperture of sight size dimensions 296 mm by 296 mm which was glazed using 6 mm thick toughened glass referenced 'Pyroswiss'.

The doorset was installed such that the leaves opened away from the heating conditions of the test.

## Test Results:

---

**Integrity** 132 minutes\*

The test was discontinued after a period of 132 minutes.

**Date of Test** 25<sup>th</sup> June 2010

This report may only be reproduced in full. Extracts or abridgements of reports shall not be published without permission of Exova Warringtonfire.

## Signatories

---



Responsible Officer  
**N. Howard\***  
Testing Officer



Approved  
**D. Hankinson\***  
Principal Certification Engineer

\* For and on behalf of **Exova Warringtonfire**.

Report Issued

Date : 13<sup>th</sup> August 2010