

FIRE RESISTANCE TEST IN ACCORDANCE WITH BS EN 1634-1: 2008
On a Single-acting, Unequal Double-leaf, Flush Type Composite Timber Doorset

Test Report No.: R15F46

Identification No.: Q15G04

Issue Date: 6 August 2015

Testing Location:

RED Hong Kong Laboratory
DD 134, Lung Kwu Tan, Tuen Mun,
N.T., Hong Kong

SUBMISSION ONLY

Test Sponsor

Faith Mark Consultants Limited

G/F, 120 Camp Street, Sham Shui Po, Kowloon, Hong Kong

APPROVED SIGNATORY: _____



DATE: 6 AUG 2015

Ir. Dr. YUEN Sai-wing, MHKIE (FIRE)

The specimen satisfied the performance requirements specified in BS EN 1634-1: 2008 for the following periods:

Integrity:	Cotton Pad	72 Minutes (No failure)
	Gap Gauge	72 Minutes (No failure)
	Sustained Flaming	72 Minutes (No failure)
Insulation (I₁ excluding the glazed panels):		72 Minutes
Insulation (Left glazed panel):		62 Minutes
Insulation (Right glazed panel):		55 Minutes

The test was discontinued after a heating period of 72 minutes.

2 INTRODUCTION

The objective of the test is to determine the fire resistance performance of specimen of a single-acting, unequal double-leaf, flush-type composite timber doorset when tested in accordance with BS EN 1634-1: 2008, 'Fire resistance tests for door and shutter assemblies – Part 1: Fire doors and shutters'.

This test report should be read in conjunction with BS EN 1363-1: 2012, 'Fire resistance tests – Part 1: General requirements'.

3 TEST INFORMATION

3.1 Test Sponsor

Faith Mark Consultants Limited

G/F, 120 Camp Street, Sham Shui Po, Kowloon, Hong Kong

3.2 Testing Location

Research Engineering Development Façade Consultants Limited, Hong Kong Laboratory of
DD 134, Lung Kwu Tan, Tuen Mun, New Territories, Hong Kong.

3.3 Date of Test

9th July 2015

3.4 Witness of the test

The test was led by Mr. Solaris Chan of Research Engineering Development Façade Consultants Limited (RED) and was witnessed by Mr. H.F. Chan, Mr. K.H. Chan and Mr. S.K. Kwan, the representatives of the test sponsor.