

FIRE RESISTANCE TEST IN ACCORDANCE WITH BS EN 1634-1: 2008

On Fully Insulated, Single-acting, Unequal Double-leaf Composite Timber Doorset

Test Report No.: R16B13-1A

Identification No.: Q16B24

Issue Date: 21 March 2016

Testing Location:

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

Test Sponsor

Faith Mark Consultants Limited

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

APPROVED SIGNATORY: _____



DATE: 21 MAR 2016

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

Hong Kong Accreditation Service (HKAS) has accredited this laboratory (HOKLAS 091- TEST) under Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS directory of accreditation laboratories. The results shown in this test report were determined by this laboratory in accordance with its terms of accreditation. This report may not be reproduced except in full.

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

Integrity:	Cotton Pad	252 Minutes (No failure)
	Gap Gauge	252 Minutes (No failure)
	Sustained Flaming	252 Minutes (No failure)
Insulation (I₁ excluding glazed panels):		250 Minutes
Insulation (I₂ excluding glazed panels):		252 Minutes
Insulation (Left glazed panel):		252 Minutes
Insulation (Right glazed panel):		252 Minutes

The test was discontinued after a heating period of 252 minutes.

2 INTRODUCTION

The objective of the test is to determine the fire resistance performance of specimens of a fully insulated single-acting, unequal double-leaf 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

23rd February 2016

3.4 Witness of the test

The test was led by Miss Kerry Hung of Research Engineering Development Façade Consultants Limited (RED) and was witnessed by Mr. H.F. Chan, the representative of the test sponsor.