



**CLASSIFICATION REPORT**

**REPORT NUMBER: 140724001SHJ-BP-1**  
ORIGINAL ISSUE DATE: July 28, 2014

**EVALUATION CENTER**

Intertek Testing Services Ltd., Shanghai Fengxian Branch  
Plant 7, No. 6958 Daye Road, Fengxian District,  
Shanghai, China 201405

**RENDERED TO**

**GUANGDONG BE-TECH SECURITY SYSTEMS CO., LTD**  
**No. 17, Keyuan 3 Road, Ronggui, Shunde High-Tech Zone,**  
**Foshan, Guangdong, P.R.China**

**PRODUCT EVALUATED**

Electronic Lock  
Model: G1

**EVALUATION PROPERTY**

Classification of Fire Resistance Performance in accordance with  
EN 13501-2:2007+A1:2009

**Report of Testing Electronic Lock in Wooden Door Assembly for compliance with the applicable requirements of the following criteria: EN 1634-1:2008, Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware – Part 1: Fire resistance tests for doors, shutters and openable windows.**

*"This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program."*

## 1 Introduction

---

This classification report defines the classification assigned to the Electronic Lock – G1 in Wooden Door Assembly in accordance with the procedures given in BS EN 13501-2: 2007+A1:2009.

## 2 Detail of classified product

---

### 2.1. General

The element, Wooden Door Assembly with G1 Electronic Lock as described by the sponsor, is defined as a single swing wooden composite door.

### 2.2. Description

The element, Wooden Door Assembly with G1 Electronic Lock, is fully described in the test report provided in support of classification listed in 3.1.

## 3 Test report in support of classification

---

### 3.1. Summary of test report

Name of laboratory	Name of sponsor	Report ref. no	Test method
<i>Intertek Testing Services Ltd., Shanghai Jinqiao Branch</i>	<i>GUANGDONG BE- TECH SECURITY SYSTEMS LIMITED</i>	<i>130627001SHJ- BP-1, issued on July 3, 2013</i>	<i>EN 1634-1:2008</i>

### 3.2. Results

Test method, number and date	Parameter		Results
	Integrity	Cotton pad	55
		Gap gauges	55
		Sustained flaming	55
Thermal insulation	I <sub>2</sub>	55	

---

## 4 Classification and field of application

---

### 4.1. Reference of classification

This classification has been carried out in accordance with clause 7.5.5 of EN 13501-2:2007+A1:2009.

### 4.2. Classification

The element, Wooden Door Assembly with G1 Electronic Lock is classified according to the following combinations of performance parameters and classes.

E			45
E	I2		45

**Fire resistance classification:  $EI_2 45/E 45$**

### 4.3. Field of application

The classification is valid for the following end use applications:

The results of the tests are directly applicable to similar constructions and the construction continues to comply with that appropriate design code for its stiffness and stability. Other changes are not permitted.

## 5 Limitations

---

This classification document does not represent type approval or certification of the product.

### INTERTEK

Reported by:



Harrison Li  
Senior Project Engineer  
Building Products

Reviewed by:



David Bigland  
Certification Manager  
Building Products

## 6 Revision Page

---

<b>Revision No.</b>	<b>Date</b>	<b>Changes</b>	<b>Author</b>	<b>Reviewer</b>
0	July 28, 2014	First issue	Harrison Li	David Bigland

**END OF DOCUMENT**

---