

**Title:**

CLASSIFICATION OF  
REACTION TO FIRE  
PERFORMANCE  
IN ACCORDANCE WITH  
EN 13501-1:2007+A1: 2009

**Notified Body No:**

0833

**Product Name:**

"5512"

**Report No:**

WF 409358

**Issue No:**

1

**Prepared for:**

Specialist Tiling Supplies Ltd.,  
Unit 5,  
Wortley Moor Lane,  
Leeds,  
LS12 4HX

**Date:**

25th January 2019



## 1. Introduction

This classification report defines the classification assigned to "5512", a non-asbestos fibre cement flat sheet construction board, in line with the procedures given in EN 13501-1:2007+A1:2009.

## 2. Details of classified product

### 2.1 General

The product, "5512", a non-asbestos fibre cement flat sheet construction board, is defined as being suitable for construction applications.

### 2.2 Product description

The product, "5512", is fully described below and in the test reports provided in support of classification listed in Clause 3.1.

Generic type	Non-asbestos fibre cement flat sheet construction board
Product reference	"5512"
Name of manufacturer	STS Ltd
Density	1.34 g/cm <sup>3</sup> (stated by sponsor) 1.26g/cm <sup>3</sup> (determined by <b>Warringtonfire</b> )
Thickness	12mm (stated by sponsor) 12.53mm (determined by <b>Warringtonfire</b> )
Colour	"Grey"
Flame retardant details	<b>See Note 1 below</b>
Brief description of manufacturing process	Hatschek process

**Note 1.** The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

### 3. Test reports & test results in support of classification.

#### 3.1 Test reports.

Name of Laboratory	Name of sponsor	Test reports Nos.	Test method
Warringtonfire	Specialist Tiling Supplies Ltd	WF 380307	EN ISO 1716
Warringtonfire	Specialist Tiling Supplies Ltd	WF 380304	EN ISO 1182

#### 3.2 Test results

Test method & test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN ISO 1716	For the product as a whole – PCS (a, e)	3	1.1915 MJ/kg	Compliant
EN ISO 1182	Furnace thermocouple temperature rise (°C)	5	16.2 °C	Compliant
	Duration of sustained flaming (seconds)		0 s	Compliant
	Mass Loss (%)		17.06 %	Compliant

### 4. Classification and field of application

#### 4.1 Reference of classification

This classification has been carried out in accordance with clause 8, 9 and 10 of EN 13501-1:2007+A1: 2009.

#### 4.2 Classification

The product, "5512", a non-asbestos fibre cement flat sheet construction board, in relation to its reaction to fire behaviour is classified:

**Reaction to fire classification: A1, A1<sub>FL</sub>, A1<sub>L</sub>**

#### 4.3 Field of application

This classification is valid for the following end use applications:

- i) Construction applications

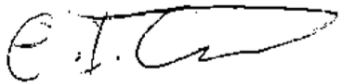
This classification is also valid for the following product parameters:

Product thickness	Any thickness
Product density	No variation allowed
Product composition	No variation allowed

#### 5. Limitations

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

##### SIGNED



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**Euan Gardner**  
Junior Certification Engineer  
Technical Department

##### APPROVED



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**Matthew Dale**  
Senior Certification Engineer  
Technical Department  
On behalf of **Warringtonfire**

*This assessment represents our opinion as to the performance likely to be demonstrated on a test in accordance with EN 13501-1, on the basis of the evidence referred to above. We express no opinion as to whether that evidence, and/or this assessment, would be regarded by any Building Control authority as sufficient for that or any other purpose. This assessment is provided to the client for its own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.*

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