

Berteco AB  
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## Reaction to fire classification report

### 1 Introduction

This classification report defines the classification assigned to the product "Scan-lock" in accordance with the procedure given in EN 13501-1:2007+A1:2009.

### 2 Details of classified product

#### 2.1 General

The product "Scan-lock" is defined as a floor covering of PVC-tiles. Its classification is valid for the end use application as floor covering for indoor use.

#### 2.2 Product description

The product, "Scan-lock", is fully described below.

According to client:

Floor covering called "Scan-lock", consisting of polyvinyl chloride, plasticizers and fillers (Norvinyl GB.80.10.00750.FB). The product has a nominal thickness of 6.25 mm and a nominal density of 1 310 kg/m<sup>3</sup>.

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

#### 3.1 Test reports

This classification is based on the test report listed below:

Name of laboratory	Name of sponsor	Test report ref no	Accredited test method
SP	Berteco AB	5P08124	EN ISO 9239-1 EN ISO 11925-2

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### 3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 11925-2		6		
15 s exposure	$F_s \leq 150$ mm		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	No ignition of filter paper
EN ISO 9239-1		3		
	Critical flux (kW/m <sup>2</sup> )		10.9	Compliant
	Smoke (%.min)		374	Compliant

## 4 Classification and field of application

### 4.1 Reference and direct field of application

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2007+A1:2009.

### 4.2 Classification

The product called "Scan-lock" in relation to its reaction to fire behaviour is classified:

$B_{fl}$

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire Behaviour		Smoke Production	
$B_{fl}$	-	s	1

**Reaction to fire classification:  $B_{fl}$ -s1**

### 4.3 Field of application:

This classification is valid for the following product parameters:

Nominal thickness: 6.25 mm.

Nominal density: 1310 kg/m<sup>3</sup>.

This classification is valid for the following end use conditions:

Substrates

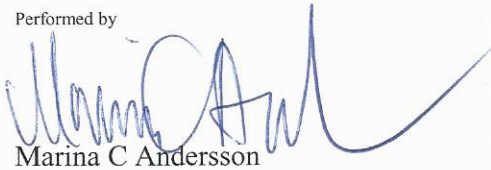
- Wood based substrates at least 18 mm thick or substrates of Euroclass A1<sub>fl</sub> or A2<sub>fl</sub> at least 6 mm thick, having a density  $\geq 510$  kg/m<sup>3</sup>.

## 5 Limitations

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

### SP Technical Research Institute of Sweden Fire Research - Fire Dynamics

Performed by



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Examined by



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