

# Report of the classification of the reaction to fire performance

**No. 230006402-2**  
issued 14 April 2008

**English version**

**Sponsor :** Superior Manufacturing Group Europe B.V.  
Achterzeedijk 57

2992 SB Barendrecht  
Niederlande

**Order:** Classification of the reaction to fire behaviour according to DIN EN 13501-1

**Date of ordering:** 26 March 2008

**Notified body No.** -0432-

**Name of the classified product:**

Homogeneous PVC floor covering made of "Spaghetti" vinyl loops named  
"WAYFARER® Art. 266" or "Citi™ Art. 274"

This report gives the classification of the above-mentioned building product in accordance to the procedure given in DIN EN 13501-1.

This classification report written in English language is issued additionally to the report written in German language with the same report number. In case of doubt the German version is valid solely.

## 1 Description of the building product

The building product named "WAYFARER® Art. 266" or "Citi™ Art. 274" is a homogeneous PVC floor covering made of "Spaghetti" vinyl loops and consists of 100 % PVC. The total thickness of the grey floor covering is approx. 14.0 mm and the total weight per unit area is approx. 4.80 kg/m<sup>2</sup>

The applied testing procedure used as base for the classification of the floor covering is described in the test report mentioned in section 2.1.

## 2 Test report and test results supporting the classification

### 2.1 Test reports

Name of the test laboratory	Sponsor	Number of the test report	Test procedure
MPA NRW	Superior Manufacturing Group Europe B.V.	230006402-1	DIN EN ISO 9239 – 1 DIN EN ISO 11925 – 2 (15 s exposure)

### 2.2 Test results

Test procedure	Parameter	Number of tests performed	Test results	
			Average values	Requirements fulfilled
DIN EN ISO 11925 15 s exposure	Flame spread ≤ 150 mm	6	--	Yes
DIN EN ISO 9239-1	Critical Heat Flux (kW/m <sup>2</sup> )	3	10.2	
	Smoke (%min)	3	633	

### 3. Classification and direct field of application

#### 3.1 Reference

The classification was carried out in accordance with the clauses 12 and 14.2 of the standard DIN EN 13501-1 : 2007.

#### 3.2 Classification

The tested product in relation to its reaction to fire behaviour is classified as: **B<sub>fl</sub>**

The additional classification in relation to smoke production is: **s1**

Therefore the classification of the reaction to fire performance of the tested floor covering is:

Fire behaviour		Smoke production
<b>B<sub>fl</sub></b>	--	<b>s1</b>

i.e. **B<sub>fl</sub> – s1**

#### 3.3 Field of application of the product

The classification is only valid for the building product described in section 1 for the use as floor covering. The following requirements have to be met:

- installed horizontally,
- as homogeneous PVC-floor covering made of „Spaghetti“-vinyl loops with a total thickness of 14.0 mm (±10%) and a total weight per unit area of 4.80 kg/m<sup>2</sup> (±10%),
- with or without adhesive on substrates of the Euro classes A1 or A2 according to DIN EN 13501-1, which must have a density of at least 1350 kg/m<sup>3</sup>.

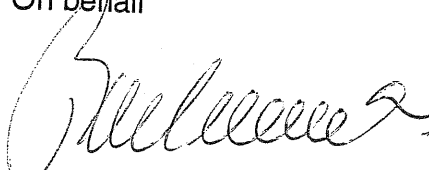
### 4 Restrictions

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

Erwitte, 14 April 2008

The engineer in charge and  
 head of the testing body

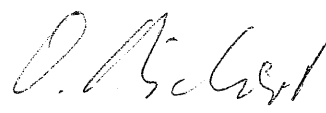
On behalf



(Dipl.-Ing. Rademacher)



The person in charge



(Dipl.-Ing. Olaf Rickert)