

Report of the classification of the reaction to fire behaviour

No. 230009669-3 issued 12 December 2014

This classification report replaces the classification report no. 230009669-2 of 8 Oct. 2014

English version

Sponsor : Gerriets GmbH
Im Kirchenhürstle 5 – 7
79224 Umkirch

Order: Reaction to fire classification according to DIN EN 13501-1

Date of order: 6 August 2014

Name of the classified building product:

Homogenous floor covering with the designation "**Vario Tanzboden**"

This report determines the classification of the above-mentioned building product in accordance with the method specified in DIN EN 13501-1.

1 Description of the building product

The building product with the designation "Vario Tanzboden" is a homogeneous floor covering and is assembled as follows:

- Homogeneous floor covering made of 100% PVC
- The floor covering may be dyed in any colour.

The total thickness of the floor covering is 1.2 mm ($\pm 10\%$) and the total weight per unit area is 1.6 kg/m² ($\pm 10\%$).

2 Test reports and test results which form the basis of the classification

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	Gerriets GmbH	230009669-1 of 8.10.2014	EN ISO 9239 – 1 EN ISO 11925 – 2 (15 s Flame impingement)

2.2 Test results

Test method	Parameter	Number of tests	Test results	
			Average values	Requirements fulfilled
DIN EN ISO 11925 15 s Flame impingement	Flame spread ≤ 150 mm	6	--	yes
DIN EN ISO 9239-1	Critical heat flux (kW/m ²)	3	> 11	--
	Smoke (%xmin)	3	138	--

3 Classification and direct field of application

3.1 Reference

The classification was carried out in accordance with clauses 12 and 14.2 of the standard DIN EN 13501-1: 2010.

3.2 Classification

The classification assigned to the tested floor covering with regard to its reaction to fire is: **B_{fl}**

The additional classification with regard to smoke production is: **s1**

This results in the following reaction to fire classification of the material:

Reaction to fire		Smoke production
B_{fl}	--	s1

i.e. **B_{fl} – s1**

3.3 Field of application of the product

The classification is solely valid for the building product described in clause 1 when it is used as floor covering, laid horizontally – with or without adhesive – on substrates classified as Euro class A1 or A2 according to DIN EN 13501-1 with a density of at least 1350 kg/m³.

The floor covering may be dyed in any colour.

4 Restrictions

This classification report does not replace any type approval or certification of the product.

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

Erwitte, 12.12.2014

Head of the testing body

Engineer in charge

(Dipl.-Ing. Rademacher)

(Dipl.-Ing. Bloch)

Date of issue of this English version: 3 February 2015

