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## Report

Project number : 89205911  
Report number : 89205911.01br

**Date**  
May 16, 2014

### **Received:**

A floor covering, a raster mat, marked as: "536 Akwadek",  
Product number 536C0036BU, 200 x 91 cm, blue coloured;  
TÜV-reference MT14-39195.01.

**Project number**  
89205911

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89205911.01br

### Identification parameters received from applicant:

Type of manufacture	: Extruded
Type	: Anti-slip mat, drainage
Composition material	: PVC
Total mass per unit area	: 7.5 kg/m <sup>2</sup> *
Total thickness	: 12 mm *
Use of fire-retardant	: No

\* Verified by test institute: results: total mass per unit area: 6.3 kg/m<sup>2</sup>, thickness: 11.7 mm.

**Phone number client**  
+31 180 643 115

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+31 180 611 551

The samples have been received on the 30<sup>th</sup> of April 2014.

**Article**  
536 Akwadek

### **Sampling procedure:**

The samples are selected by the applicant.  
The test house has had no influence on the sampling procedure.

**Appendix**  
I : Flooring Radiant Panel Single  
Specimen Report – 8 pages

### **Request:**

Classification of burning behaviour according to EN 13501-1:2007.

### **Test method:**

Identification parameters	: received from applicant.
Ignitability (direct impingement of flame)	: EN ISO 11925-2:2010.
Reaction to fire (radiant panel)	: EN ISO 9239-1:2010.

### **Results and conclusion:**

See page two and three.

### **Appendix:**

See page four up to and including eleven.

TRN applies General Terms & Conditions  
which are filed at the office of the Clerk for  
civil affairs at the Court in Zutphen (the  
Netherlands) under number 35/2010,  
dated November 17th 2010.



## CONCLUSION

According to EN 13501-1:2007+ A1:2009 the tested sample of the aforementioned quality **536 Akwadek**, in relation to its reaction to fire behaviour is classified: **C<sub>n</sub>**.  
The additional classification in relation to smoke production is: **s1**.

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The aforementioned quality meets the requirement of reaction to fire classification:  
**C<sub>n</sub> – s1**

The classification is valid for the following end use applications:

- End use substrates of classes A1 and A2-s1,d0 , for example fibre cement board.
- Fixation by any means.

### Statements:

The test results only relate to the behaviour of the test specimens of the examined product under the particular conditions of the test in laboratory conditions; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. The method might not be suitable if the product is exposed to much larger flames or heat radiant sources.

The validity of this report will expire five years after its issue or directly after alterations or modifications of the examined product (combination)(s) and/or the criteria. This report shall not be reproduced, except in full, without the written approval of the testing laboratory.

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

**Author:**  
Mrs. I. Pjerik



16-05-2014

**Review:**  
Mr. R. Boerboom



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