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## **Report**

Project number: T10-30209  
Report number: T10.30209.01br

**Date**  
December 7, 2010

### **Received:**

Floor covering tile with magnetic underlay marked as "MFD";

1. PVC tiles ; TÜV reference: MT10.30209.01
2. Magnetic underlay; TÜV reference: MT10.30209.02

**Project number**  
T10-30209

**Report number**  
T10.30209.01br

### **Request:**

Classification of burning behaviour according to EN 13501:2007.

**Phone number client**  
+31-529 431466

### **Test method:**

Identification parameters : EN 14041  
Ignitability (direct impingement of flame) : EN ISO 11925-2  
Reaction to fire (radiant panel) : EN ISO 9239-1

**Fax number client**  
+31-529 430668

**Your reference**  
-

### **Results:**

See page two up to and including three.

**Article**  
MFD

**Appendix**  
1

TÜV Rheinland Nederland B.V. 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 12/2009,  
dated March 26th 2009

**Test results :**
**Date**  
December 7, 2010

➤ *Identification parameters EN14041*
**Project number**  
T10-30209

Product : PVC tile\*  
Dimension, mm : 457.2x457.2x3.0\*  
Surface structure : structured  
Colour and design : uni  
Total mass per unit area g/m<sup>2</sup> : 5300\*  
Total thickness, mm : 3.0\*

**Report number**  
T10.302209.01br

**Article**  
MFD

**Page**  
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Product : magnetic underlay  
Total mass per unit area g/m<sup>2</sup> : 2000  
Total thickness, mm : 0.5

\* = manufacturer's declaration

➤ *Ignitability EN-ISO 11925-2*

Conditioning time, climate : min. 3 days, 23 ± 2 °C and 50 ± 5 %  
Description of substrate : 6 mm. Fibre cement board, 1800 kg/m<sup>3</sup>.  
Flame application : Surface.  
Application time : 15 seconds.

Direction:	In production					
Total burning time <sup>1</sup> (15 s)	15	15	15	15	15	15
Flame tip reaches 150 mm (s)	no	no	no	no	no	no
Extent of damaged area, length (mm)	35	45	35	50	47	45
Extent of damaged area, width (mm)	9	10	10	11	11	11
Material melts (yes/no)	yes	yes	yes	yes	yes	yes
Shrinks away <sup>2</sup> (yes/no)	no	no	no	no	no	no
Glowing <sup>3</sup> (sec)	no	no	no	no	no	no
Flaming debris (yes/no)	no	no	no	no	no	no
Ignition of filter paper (yes/no)	no	no	no	no	no	no

1 Inclusive a flame application time of 15 or 30 seconds with surface or edge impingement

2 Shrinks away from flame without being ignited

3 The time at which it occurs and its duration

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