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**Testreport**

**Project number:** 89210247  
**Report number:** 89210247.18en-2

**Date**  
16/03/2017

**Project number**  
89210247

**Report number**  
89210247.18en-2

**Phone number client**  
+31 (0) 570 85 55 33

**Fax number client**  
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**Received:**

A floor covering (underlay system), marked as: **“Jumpax HD”**;  
TÜV-reference: MT16-117021.07

**Sampling procedure:**

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

The samples have been received on 01/12/2016.

**Article**  
Jumpax HD

**Order:**

Determination of thermal resistance according to ISO 8302:1991

**Results:**

See page three.

**Appendix**  
None

**Appendix:**

None

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.

## PRODUCT IDENTIFICATION

Applicant : Unifloor Underlay Systems  
Name : Jumpax HD\*

Total thickness (mm) : 10.0\*  
*\* Applicant's declaration*

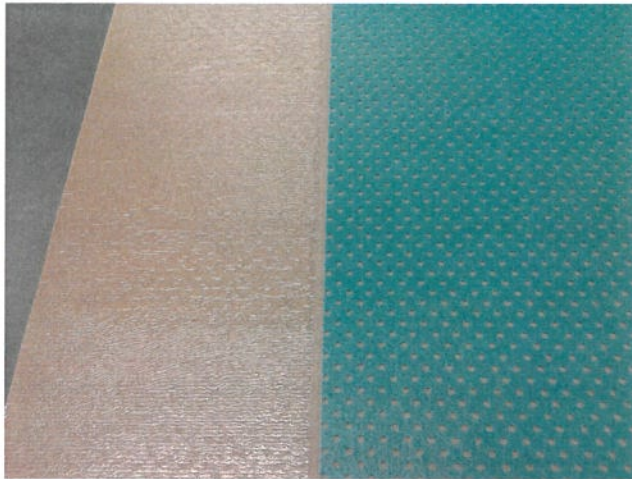


Figure 1, Picture of the received sample

**Date**  
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**Project number**  
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**Report number**  
89210247.18en-2

**Article**  
Jumpax HD

**Page**  
2/3

**Date**  
16/03/2017

**Project number**  
89210247

**Report number**  
89210247.18en-2

**Article**  
Jumpax HD

**Page**  
3/3

## TEST RESULTS

### *Thermal resistance*

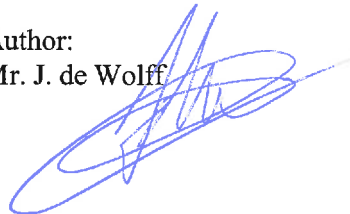
Method ISO 8302:1991

**Method** : A sample is placed between a cold and a warm plate. The cold and the warm plate are kept at constant temperature. The amount of energy needed to keep the temperature of the warm and cold plate constant is an indication for the heat transmission.  
 $\lambda$  : Thermal conductivity  
 R: Thermal Resistance

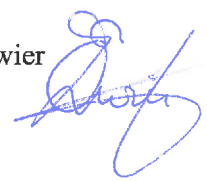
**Test conditions** :  $20 \pm 2^\circ\text{C}$  and  $65 \pm 4\%$  relative humidity  
**Week of testing** : 04 / 2017

Temperature	Resistance to heat transmission R in $\text{m}^2 \cdot \text{K/W}$	Thermal conductivity $\lambda$ in $\text{mW/m.K}$
20 °C	0.124	74.53
24 °C	0.123	75.03
32 °C	0.121	76.64
<b>Average</b>	<b>0.123</b>	<b>75.40</b>
Coefficient of variation (%)	1.4	1.5

**Author:**  
Mr. J. de Wolff



**Review:**  
Mrs. E. Zwier



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(End of report)