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## Testreport

**Project number:** 89210247  
**Report number:** 89210247.48en

**Date**  
30/06/2017

**Project number**  
89210247

**Report number**  
89210247.48en

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

**Received:**  
An underlay system, marked as: “**Jumpax Basic 7.0 mm**”;  
TÜV-reference: MT17-117021.47

**Fax number client**  
+31 (0) 570 85 55 44

**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 14/06/2017.

**Article**  
Jumpax Basic 7.0 mm

**Order:**  
To determine the Thermal resistance, according to ISO 8302:1991 & EN 12667:2001

**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  
Productname : **Jumpax Basic 7.0 mm\***  
*\* Applicant's declaration*

**Date**  
30/06/2017

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**Article**  
Jumpax Basic 7.0 mm

**Page**  
2/3

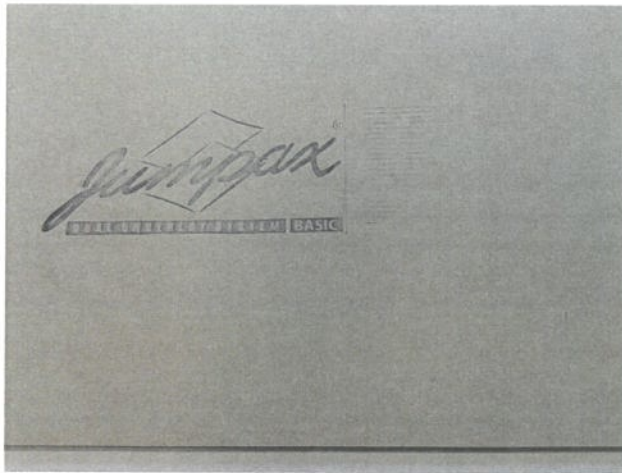


Figure 1. Picture of the received sample (surface)

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**Article**  
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**Page**  
3/3

## TEST RESULTS

### *Thermal resistance (Thermal conductivity)*

Method ISO 8302:1991 and EN 12667:2001

**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. The thermal resistance (R) of floor coverings its common to declare the value at 23 °C as R<sub>23</sub> in m<sup>2</sup> · K/W. Alternatively, the value of the thermal conductivity (λ) can be declared at 23°C, expressed as λ<sub>23</sub> in mW/(m·K).

λ : Thermal conductivity

R: Thermal Resistance

**Test conditions** : 20 ± 2°C and 65 ± 4% relative humidity

**Week of testing** : 25 / 2017

### Thermal resistance

| Temperature     |       | Temperature difference | Resistance to heat transmission<br>R in m <sup>2</sup> · K/W |
|-----------------|-------|------------------------|--------------------------------------------------------------|
| R <sub>18</sub> | 18 °C | 10 K                   | 0.0746                                                       |
| R <sub>23</sub> | 23 °C | 10 K                   | 0.0724                                                       |
| R <sub>28</sub> | 28 °C | 10 K                   | 0.0702                                                       |

### Thermal conductivity

| Temperature     |       | Temperature difference | Thermal conductivity<br>λ in mW/m.K |
|-----------------|-------|------------------------|-------------------------------------|
| λ <sub>18</sub> | 18 °C | 10 K                   | 111.42                              |
| λ <sub>23</sub> | 23 °C | 10 K                   | 114.82                              |
| λ <sub>28</sub> | 28 °C | 10 K                   | 118.40                              |

**Author:**  
Mr. M.A. van de Vlekkert



**Review:**  
Mr. J. de Wolff



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(End of report)