TÜVRheinland”
Precisely Right.

TÜV Rheinland Nederland B.V.
The Netherlands

Postal address:
P.O. Box 2220
6802 CE ARNHEM

Parking and delivery:
Westervoortsedijk 73
6827 AV ARNHEM

www.tuv.com/nI

T +31 88 888 7888

Jaring.de.Wolff@nt.tuv.com

Return address: P.O. Box 2220, 6802 Cf ARNHEM, The Netherlands

Unifloor Underlay Systems
Att. Mr. F. Vousten
Arnsbergstraat 4
7418 EZ DEVENTER
The Netherlands

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

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

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

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
Heat-Pak 7.0 mm

Order:
To determine the Thermal resistance, according to ISO 8302:1991 & EN 126d7:2001

Results:
See page three.

Appendix
- none -

Appendix:
None.

TÜVRheinland”
Precisely Right.

Date
30/06/2017

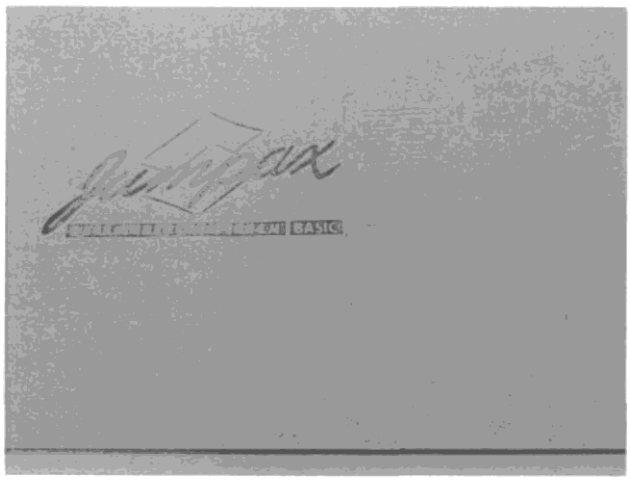
Project number
89210247

Report number
89210247.48en

Article
Heat-Pak 7.0 mm

PRODUCT IDENTIFICATION

Applicant	Unifloor Underlay Systems
Productname	: Heat-Pak/ Jumpax Basic
* *Applicant's declaration*	7.0 mm*



Fieure 1, Picture of the received sample (surface)

TÜVRheinland”
Precisely Right.

Date
30/06/2017

Project number
89210247

Report number
89210247.48en

Article
Heat-Pak 7.0 mm

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 R23in m^2. K/W.
Alternatively, the value of the thermal conductivity (Z) can be declared at 23°C, expressed as k23 in mW/(m K).

k : 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 R in m^2 . K/W
Rif	18 °C	10 K	0.0746
R23	23 °C	10 K	0.0724
Res	28 °C	10 K	0.0702

Thermal conductivity

Temperature		Temperature difference	Thermal conductivity k in mW/m.K
kis	18°C	10 K	111.42
k,,	23°C	10 K	114.82
28	28°C	10 K	118.40

Author:
Mr. M.A. van de Vlekkert

Review:
Mr. J. de Wolff

(End of report)