

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

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

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/nl

T +31 88 888 7888

Jaring.de.Wolff@nl.tuv.com

Testreport

Project number: 89210247
Report number: 89210247.16en

Date
21/02/2017

Project number
89210247

Report number
89210247.16en

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

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

Received:

A floor covering (underlay system), marked as: “**HeatBlok**”;
TÜV-reference: MT16-117021.05

Sampling procedure:

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

Article
HeatBlok

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

Order:

Determination of thermal resistance according to ISO 8302:1991

Results:

See page three.

Appendix
None

Appendix:

None

PRODUCT IDENTIFICATION

Applicant : Unifloor Underlay Systems
Name : HeatBlok*

Total thickness (mm) : 6.0
* Applicant's declaration



Figure 1, Picture of the received sample

Date
21/02/2017

Project number
89210247

Report number
89210247.16en

Article
HeatBlok

Page
2/3

Date
 21/02/2017

Project number
 89210247

Report number
 89210247.16en

Article
 HeatBlok

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.

 λ : 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 $\text{m}^2 \cdot \text{K}/\text{W}$	Thermal conductivity λ in $\text{mW}/\text{m}\cdot\text{K}$
20 °C	0.173	32.34
24 °C	0.171	32.83
32 °C	0.165	33.88
Average	0.170	33.02
Coefficient of variation (%)	2.4	2.4

Author:
 Mr. M.A. van de Vlekkert


Review:
 Mr. J. de Wolff


All rights reserved.

No part of this report may be reproduced, provided to and/or examined by third parties, and/or published by print, photoprint, microfilm, in electronic form or any other means without the explicit previous written consent of TÜV Rheinland Nederland B.V. The results are based upon the samples received and have not to be representative for the total production. TÜV Rheinland Nederland B.V. had no influence on the sampling.

In case this report was drafted within the context of an assignment to TÜV Rheinland Nederland B.V., the rights and obligations of contracting parties are subject to the General Terms & Conditions for Advisory, Research and Certification assignments to TÜV Rheinland Nederland B.V. and/or the relevant agreement concluded between the contracting parties.

© 2010 TÜV Rheinland Nederland B.V.

(End of report)