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Testreport

Project number: 89210247
Report number: 89210247.50en

Date
30/06/2017

Project number
89210247

Report number
89210247.50en

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

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Received:
An underlay system, marked as: “Redupax 9 mm”;
TÜV-reference: MT17-117021.49

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.

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

Article
Redupax 9 mm

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 : **Redupax 9 mm***
** Applicant's declaration*

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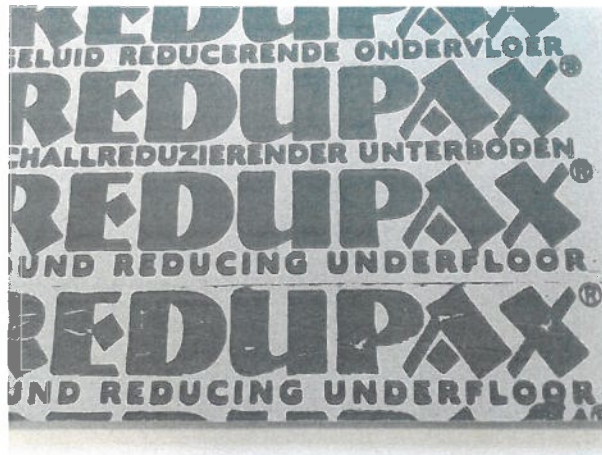


Figure 1, Picture of the received sample (surface)

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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 R₂₃ in m² . K/W. Alternatively, the value of the thermal conductivity (λ) can be declared at 23°C, expressed as λ₂₃ 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 R in m ² . K/W
R ₁₈ 18 °C	10 K	0.1716
R ₂₃ 23 °C	10 K	0.1689
R ₂₈ 28 °C	10 K	0.1661

Thermal conductivity

Temperature	Temperature difference	Thermal conductivity λ in mW/m.K
λ ₁₈ 18 °C	10 K	59.74
λ ₂₃ 23 °C	10 K	60.68
λ ₂₈ 28 °C	10 K	61.72

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Review:
Mr. J. de Wolff



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(End of report)