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INGEKOMEN - 8 DEC. 2009

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Date
17/11/09

TEST REPORT 09-775C

Samples received :

tiles quality **Essence**, batchnr 173612, colour nr 9501
Received on 29/10/09

Aim of the test :

Determination of applicability with floorheating

Test conditions :

Applicability with floorheating by means of TECOSY : one plate method

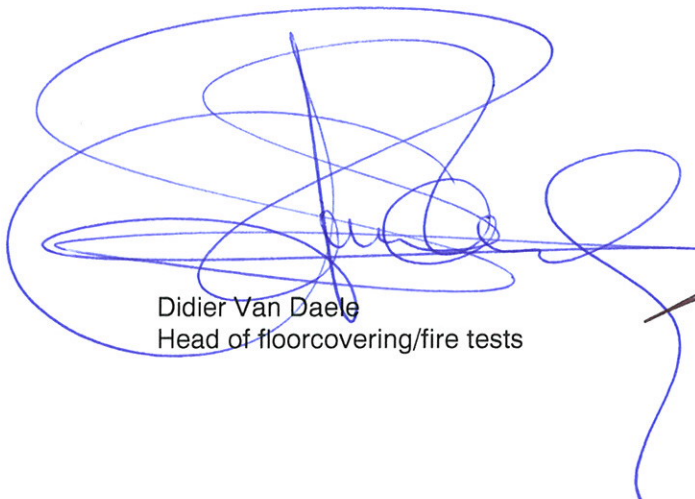
Standard: DIN 52 612 part 1 (1979)[°] in accordance with ISO 8302 (1991)[°]
Method: A sample is placed between a cold and a warm plate. The cold and the warm plate are kept at the same temperature. The quantity of energy needed to keep the warm and cold plate on temperature, is an indication for the heat transmission of the sample.
Number of tests: 2 samples (3 measurements per sample)
Test conditions: 20 ± 2°C and 65 ± 4 % relative humidity

The tests were performed in week 46/2009

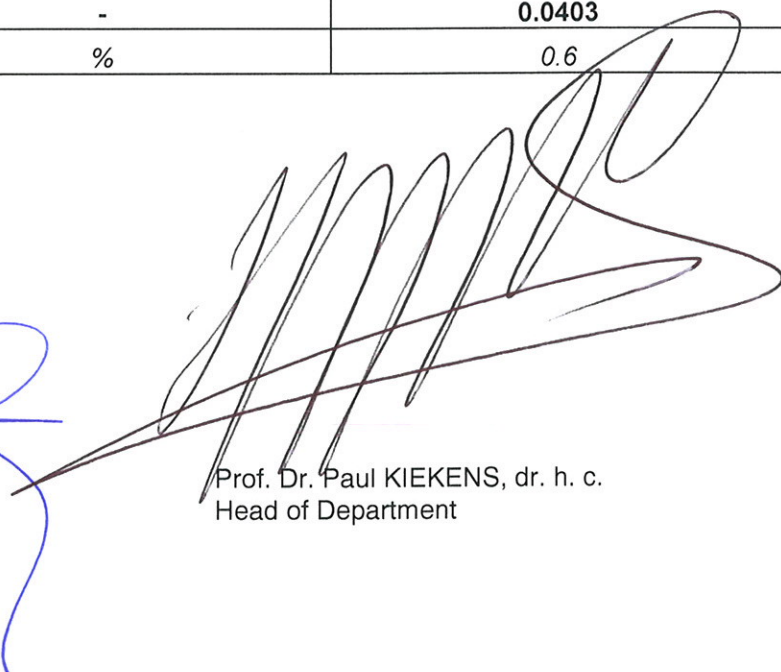
OBTAINED RESULTS

Applicability with floorheating by means of TECOSY : one plate method

Temperature cooling plate / heating plate	Difference in temperature	Resistance to heat transmission R in m ² .K/W
25 °C / 35 °C	10 °C	0.0406
30 °C / 40 °C	10 °C	0.0403
35 °C / 45 °C	10 °C	0.0401
average	-	0.0403
<i>Coefficient of variation %</i>	%	0.6



Didier Van Daele
Head of floorcovering/fire tests



Prof. Dr. Paul KIEKENS, dr. h. c.
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