

Desso Waalwijk
T.a.v. de heer M. Pijnen
Postbus 169
5140 AD Waalwijk
Nederland

INGEKOMEN - 8 DEC. 2009

contact
Didier Van Daele

e-mail
didier.vandaele@UGent.be

Date
17/11/09

TEST REPORT 09-775D

Samples received :

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

Aim of the test :

Determination of castor chair

Test conditions :

Resistance to castor chair

Standard EN 985 A (2001)* – ISO/TR 4918(1990)*
Method: A castor chair (three castors) rolls over a sample according to a specific pattern and during a fixed period. The change of colour and structure is assessed by 3 persons where 5 means no change en 1 means very severe change.
Index (structure): $r = 0,75 \times a_{(5000)} + 0,25 \times a_{(25000)}$
where: $a_{(5000)}$ is the assessment of change of structure after 5000 cycles
 $a_{(25000)}$ is the assessment of change of structure after 25000 cycles
Number of tests: 2 (1 sample at 5000 cycles and 1 at 25000 cycles)
Test conditions: $20 \pm 2^{\circ}\text{C}$ and $65 \pm 4 \% \text{ R.H.}$

The tests were performed in week 46/2009

The test results only apply to materials that correspond to the tested sample. Forgery will be legally prosecuted, just like partial reproduction without prior written permission . Tests that are marked *are accredited , those marked ° are not accredited. Advices and interpretations are not covered by the accreditation.

The department of Textiles is Notified laboratory n°1611 for the European Products directive 89/106/EC..

OBTAINED RESULTS

Resistance to castor chair

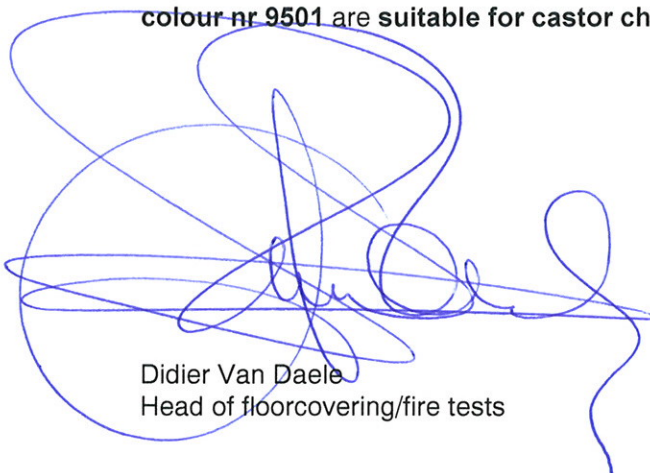
assessors	changes after 5 000 cycles		
	Colour	Structure	Corrected. structure
1	3.5	3.0	-
2	3.5	3.0	-
3	3.5	3.0	-
average	3.5	3.0	-

assessors	changes after 25 000 cycles		
	Colour	Structure	Corrected. structure
1	3	2.5	-
2	3	2.5	-
3	3	2.5	-
average	3	2.5	-

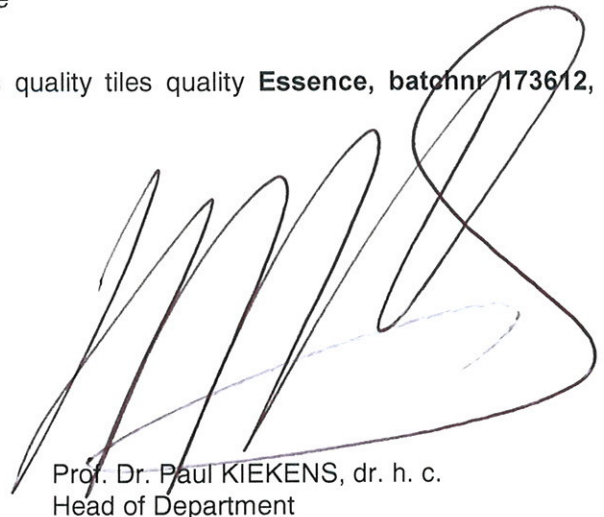
Remark: when assessment of colour equals 2 or is lower than 2, structure is upgraded with 0.5 value.

Castor chair index r **2.9** "suitable, continuous use"

The castor chair index is higher than 2.4; the tiles quality tiles quality **Essence, batchnr 173612, colour nr 9501** are **suitable for castor chair**.



Didier Van Daele
Head of floorcovering/fire tests



Prof. Dr. Paul KIEKENS, dr. h. c.
Head of Department