

**Mevr. Mariska Robbescheuten  
LÉO SCHELLENS BV  
Postbus 349  
NL-5750 AH DEURNE  
NEDERLAND**

**your delivery of**  
2007-11-26

**your reference**

**our reference**  
WVW/11103

**date**  
Zwijnaarde, 2007-12-04

## **Analysis Report 60190**

Required tests :

### **Determination of the abrasion resistance of a pile fabric - Martindale**

<b>Identification number</b>	<b>Information given by the client</b>	<b>Date of receipt</b>
T710474	Delhi	2007-11-27

Willy Vande Wiele  
order responsible

For further information, please contact our sectorial adviser Daniel Verstraete

This report runs to 2 pages and may be reproduced, as long as it is presented in its entire form, without written permission of Centexbel. The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.

Reference : T710474 - Delhi

**Determination of the abrasion resistance of a pile fabric - Martindale**

**1. Method:**

Applied standard : EN ISO 12947 part 2 (year: 1998)  
on conditioned material (20°C and 65% rel. hum.)

Deviations of the standard : -

Apparatus : Martindale Abrasion Machine

Pressure on test specimen : 12 kPa

Reference abrasant : crossbred worsted spun, plain woven fabric

Type of the felt : woven felt

Number of test specimens : 4 circular test specimens to the end point

**2. Results:**

Date of ending the test: 29-11-2007

Physically significant end point: pile completely disappeared

specimen	number of rubs at which specimen breakdown occurs	final result
1	60 000	50 000
2	60 000	50 000
3	60 000	50 000
4	70 000	60 000
mean	62 500	52 500

See test specimens enclosed.