

Vescom B.V.  
t.a.v. Ron Verlouw  
Postbus 70  
5750 AB Deurne.

Hengelo (ov), 5 jun. 12

**Test specimen:**      **Specimen:**      **Colour:**      **Client reference number:**

A.	Dark gray	Tavira
B.	Dark brown	Bedra

**Examination:**      **Testnumber:**      **Testname:**

1. Measurement degree of obscuration with a illumination of 100.000 lux
2. Measurement degree of obscuration with a illumination of 1.000 lux.
3. Classification of obscuration DIN EN 14501: 2006 feb Tabel 6, S 15
4. Photo.

**Results**      See following pages

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**Test description:**

From the samples, a circular sample is taken out with a 30cm diameter. The device for measuring the illuminance reduction consists of a lamp housing with an illuminance from 0.1 lux to 10Lux (High Power - LED) and a lamp housing 10Lux to 100000Lux (arc torch). The non-corresponding IR portion of the sunlight radiations is filtered out before it strikes the sample.

To adjust the intensity, a light meter can be tilt in the assessment chamber. The irradiation of the sample is performed with parallelized light.

The assessment chamber and the measuring field are dimensioned and arranged such that the entire measurement sample surface is observed with a 10° angle.

In the observer opening a measuring unit with lux meter can be placed.

The assessment of the regulation of light transmittance for textile fabrics is performed with 2 classifications (Table 6, S. 15 DIN EN 14501, February 2006):

Regulation of light transmission of a fabric	Classification of a fabric
No perception of light at a Test with 1.000 lux	darkening
No perception of light at a Test with 100.000 lux	blackout

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**Test** : 1. Measurement degree of obscuration with a illumination of 100.000 lux.

**Norm** : DIN EN 14501: 2006 feb

Results	illuminance with sample	observation
	<i>Lux</i>	
A.	0.3	stars visible
B.	0	stars visible

**Test** : 2. Measurement degree of obscuration with a illumination of 1.000 lux.

**Norm** : DIN EN 14501: 2006 feb

Results	illuminance with sample	observation
	<i>Lux</i>	
A.	0	No stars observed
B.	0	No stars observed

**Test** : 3. Classification of obscuration.

**Norm** : DIN EN 14501: 2006 feb Tabel 6, S 15

Results	class
A.	darkening
B.	darkening

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4. Photo



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