

Herning, 29 August 2018

ege testcertificate

Subject:	Light Reflectance
Reference No.:	1029
Reference:	Epoca Texture 2000
Description of sample:	Standard colors
Testing atmosphere	Unless otherwise specified the sample has been conditioned and tested, where appropriate, in the standard atmosphere for conditioning and testing textiles EN ISO 139:2005 of 65 ± 4 % R.H. and 20 ± 2 °C.

Background

LRV is an instrumental measurement made using a spectrophotometer.

It is equivalent to CIE Y and is the proportion of visible light reflected by a surface, weighted for the sensitivity to light of the human eye.

LRV is expressed on a scale of 0-100 where absolute white has a value of 100 and absolute black has a value of 0. In practice white may be about 85 and black about 6.

For people with adequate vision, difference in hue or chroma (colour intensity), provide sufficient visual contrast. But for people who are visually impaired the main feature of a surface which determines the ability to identify differences in colour is the amount of light the surface reflects, or it's LRV.

Test procedure

The light reflectance value for the sample was determined using a Chroma Meter reflectance spectrophotometer with a large area CR-410 measuring head.

The sample was subjected to measurements and viewed at 0° with illuminant C. The light reflectance was determined using CIE Y, according to BS 8493:2008.

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CVR 38 45 42 18

Test results CIE Y :

Broadloom

Color ref	Result	Color ref	Result
0706 135	7,83	0706 545	2,19
0706 185	2,30	0706 595	2,19
0706 195	3,31	0706 635	13,38
0706 245	30,64	0706 710	50,43
0706 315	22,62	0706 715	33,47
0706 340	11,34	0706 725	13,80
0706 350	5,98	0706 760	7,35
0706 370	2,49	0706 765	2,43
0706 415	9,30	0706 800	1,41
0706 420	11,24	0706 875	4,56
0706 450	3,75	-	-
0706 460	4,66	-	-
0706 515	19,33	-	-
0706 540	5,73	-	-

The information contained on page no 1-2 of this certificate is hereby certified to be correct statement of the tests and investigations carried out by ege testlaboratory on the material referred to.

Signed by



Sergiy Veretennikov
Laboratory Technician

Reported By



Henrik Schmidt Hansen
Director/CSO – Chief Sustainability
Officer