

ege testcertificate

Subject:	Light Reflectance
Reference No.:	1316
Reference:	Highline 1100
Description of sample:	Tuftet carpet, cut pile Colour palettes 5500 Colour Scale 1-12 5520 Colour Scale 1-12 5575 Colour Scale 1-12 5595 Colour Scale 1-12
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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Test results CIE Y :

Colour no.	Colour palette 5500	Colour no.	Colour palette 5520	Colour no.	Colour palette 5575	Colour no.	Colour palette 5595
gb1 - K40501	12,85	gb1 - A20041	59,66	gb1 - K28328	41,21	gb1 - K28601	24,79
gb2 - K40502	2,14	gb2 - A20042	30,57	gb2 - K28329	25,15	gb2 - K28602	12,81
gb3 - K40503	10,04	gb3 - A20043	14,33	gb3 - K28378	15,05	gb3 - K28603	5,71
gb4 - K40504	38,84	gb4 - K20044	7,71	gb4 - K28374	5,31	gb4 - K20012	1,96
gb5 - K40505	3,17	gb5 - K20045	3,56	gb5 - K28366	2,97	gb5 - H28605	2,13
gb6 - K40506	3,59	gb6 - K20046	10,07	gb6 - K28364	5,09	gb6 - K28606	3,63
gb7 - K40507	2,94	gb7 - K20047	4,70	gb7 - K28380	14,60	gb7 - K28607	3,99
gb8 - K40508	9,76	gb8 - K20048	15,45	gb8 - K28379	23,03	gb8 - K28608	12,05
gb9 - K40509	4,41	gb9 - K20049	4,81	gb9 - K27886	17,49	gb9 - K28609	17,75
gb10 - K40510	11,57	gb10 - K20050	4,97	gb10 - K28360	18,17	gb10 - K28610	7,75
gb11 - K40511	4,57	gb11 - K20051	3,08	gb11 - K28367	6,63	gb11 - H28611	3,18
gb12 - K40512	15,43	gb12 - K20012	2,27	gb12 - K28368	3,02	gb12 - H28632	2,50

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



Dorthe Daa Pedersen
Laboratory Technician

Reported By



Henrik Schmidt Hansen
Group CSR Director