

TEST REPORT N° RL 2024/063

DELIVERY : 04/03/2024

MATERIAL RECEIVED : 01/02/2024

ORIGIN : BLOQ
De Blokmat 29
8281 JH GENEMUIDEN
NETHERLANDS

NAME OF QUALITY: UNITY

TESTS TYPE: Light reflectance value (LRV) of a flooring surface

The Technical Director
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Head of Test
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It contains **3** pages and **0** annex.

The results which have been obtained by means of the sample specified above, may not be generalised without justification of the representativeness of the samples.

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I – Equipment used

- Spectrophotometer CM-2300d Konica Minolta

II – Standard used

- * Resilient, textile, laminate and modular mechanical locked floor coverings –
Light reflectance value (LRV) of a flooring surface.
Standard EN 17317: 2020

BS 8493: 2008: Light reflectance value (LRV) of a surface – Methode of test.

III – Description of the carpet sample

Tufted loop pile structured carpet, 100% printed polyamide on bitumen backing.

IV – Colouring

203 – 302 – 504 – 603 – 904 – 905

V - Principle

The amount of light reflected from the surface at a number of wavelengths evenly spaced across the visible spectrum is to be measured. These measurements shall include the spectral component of reflected light.

The specimen of the surface is prepared and presented to the aperture of the instrument and its LRV is measured.

Number of measures: 3 specimens (4 measures per specimen if not multi-coloured specimens)

Nombre of measures : 4 measures points on each distinct area of colour for multi-coloured specimens.

The average LRV_{av} from the measurement individual LRV values, which is the CIE Tristimulus Y_{10} value.

VI - Results

Cf. next page

VII – Test conditions

At least 24 hours at (65 ± 5) % HR and $(20 \pm 2)^{\circ}\text{C}$

Test performed: 29/02/2024

Light reflectance value (LRV or rho)

Color 203

LRV_{av} : 14,97

L : 45,59

Color 302

LRV_{av} : 7,78

L : 33,52

Color 504

LRV_{av} : 8,49

L : 34,97

Color 603

LRV_{av} : 6,95

L : 31,70

Color 904

LRV_{av} : 11,86

L : 41,00

Color 905

LRV_{av} : 8,41

L : 34,83

End of report