

# Wave Length



<b>CONSTRUCTION</b>		Tufted 1/12" Loop
<b>PILE CONTENT</b>		100% Solution Dyed Nylon
<b>SECONDARY BACKING</b>		back2back standard carpet tile backing with 70% post-industrial recycled content
<b>PILE HEIGHT</b>		2.9mm
<b>TOTAL HEIGHT</b>		6.5mm
<b>TOTAL WEIGHT</b>		4500g/m <sup>2</sup>
<b>SIZE</b>		50 x 50cm
<b>WEAR CLASSIFICATION</b>	EN 1307	33
<b>LUXURY CLASSIFICATION</b>	EN 1307	LC2
<b>STITCH COUNT</b>		202,000/m <sup>2</sup>
<b>CASTOR CHAIR</b>	EN 985	A continuous use
<b>FIRE CLASSIFICATION</b>	ISO 13501-1	Bfl-s1
<b>FASTNESS TO LIGHT</b>	ISO 105-B02	≥ 7
<b>IMPACT NOISE RATING</b>	ISO 10140	25db
<b>SOUND ABSORPTION</b>	ISO 354	aw 0.15
<b>ANTISTATIC</b>	ISO 6356	≤ 2kV
<b>ENVIRONMENTAL PROPERTIES</b>		50% overall recycled content
<b>VOC'S</b>		Green Label Plus Air Quality
<b>LRV'S</b>		see overleaf



## Wave Length



**Light Reflectance Value (LRV)** is the total quantity of visible and usable light that is reflected by a surface (e.g. flooring, walls, furniture, ...) in all directions and at all wavelengths when illuminated by a light source.

LRV is a measurement that indicates how much light a surface **reflects**, and conversely how much it **absorbs**. LRV runs on a scale from 0% to 100%, 0% being a perfectly absorbing surface (black) up to 100% being a perfectly reflective surface (white). Additional to the colour of the surface, structure and gloss are factors that influence the light reflectance value.

The LRV certificates of the Wave Length range are awarded by **CSTB** which executes the measurement according to the **EN 410** and **EN 14500** standard.

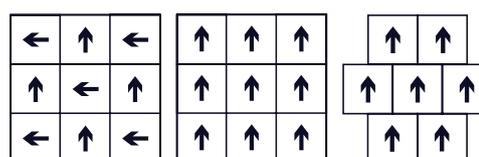
The **L-value**, which is the colour depth, is used to calculate visual contrast. However this should not be mixed up with the LRV as the L-value is significantly higher. This is tested in accordance with the **EN ISO 11664-4** standard.

### Light Reflective Values

COLOUR	LRV	L
016	26	58
140	11	39
210	16	47
322	7	33
329	4	24
573	5	26
625	7	31
914	23	55
957	13	43
965	5	26
995	3	19

### GUARANTEE

10 Year Wear



JHS

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Joseph Hamilton Seaton