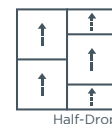


# technical specifications

Product Name	Hadron
Product Description	Textured Level Loop
Pile Yarn Description	100% Solution Dyed Nylon 6.6 (Polyamide-PA)
Tile Dimensions	50 cm x 50 cm
Pile Yarn Weight	800g/m <sup>2</sup>
Total Weight	4240g/m <sup>2</sup>
Pile Height	3.5mm
Total Thickness	6.5mm
Gauge/ends per 10cm	1/10 <sup>th</sup> gauge 45 stitches
Tufts per m2 / Pile Density	177,165/m <sup>2</sup>
Backing Description	Accummen™, 75% recycled
Wear Classification	BS EN 1307 Heavy Commercial Use Class 33
Luxury Rating Class	LC2
Flammability	Euroclass Bfl-s1
Thermal Resistance	Tog Rating 0.30; ISO 8302: 0.05 m <sup>2</sup> K/W
Castor Chair Rating	BS EN 985 Pass - suitable for continuous use
Hexapod	BS ISO 10361: Method B:2000 3 to 4
Static Loading	BS 4939: 1987 (2003) Recovery >80% (24hrs)
Dynamic Loading	BS ISO 2094: 1999 (2005) Loss <20% (1000 impacts)
Body Voltage Test	BS ISO 6356:2000 <2kV
Colour Fastness To Light	BS EN ISO 105 - B02 Minimum Grade 6
Colour Fastness To Shampoo	BS 1006:UK-TB: 1990 Minimum Grade 4-5
Sound Absorption Coefficient	BS EN 354:2003
Reduction in Impact Noise	BS EN ISO 10140-3:2010 23dB
Reduction in Impact Noise at 1000Hz	BS EN ISO 10140-3:2010 37dB
Number Of Tiles Per Box	20 (5m <sup>2</sup> )

For best results we recommend



Half-Drop



Brick



Quarter Turn



This floor covering was made with renewable electricity



Certificate Number FM01440  
BS EN ISO 9001:2015



Statement on level of emission of volatile substances in indoor air posing a toxic threat during inhaling - on a scale from A+ (very low-emission) to C (high-emission)



The Building Information Foundation, Finland. Certified building materials with low emission class M1



Environmental Product Declaration by independent third-party verification of the declaration and data, according to ISO 14025:2006

## environmental information

- burmatex® products are EPD verified by an independent third-party verification of the declaration and data, according to ISO 14025:2006. For specific ratings, please refer to [www.environdec.com](http://www.environdec.com)
- burmatex® products qualify for SKA as they achieve one or more requested criteria
- burmatex® products can contribute to the WELL Building Standard™, which focuses on the people and healthy workspaces
- All burmatex® carpet/carpet tile/carpet plank ranges are made at its single UK manufacturing site
- Wherever possible, raw materials including yarn/fibre are sourced locally i.e. within 20 miles
- Over 75% of burmatex® Accummen™ backing comes from recycled materials
- Continuous assessment and improvement of manufacturing process to minimise use of raw materials/power
- All manufacturing waste is recycled and all electricity used is from renewable resources
- All burmatex® products are heavy contract with a 10 year guarantee for maximum useful life
- Certified, Class A+: very-low VOC Emission

**LEED® v4** - Burmatex products can contribute towards satisfying the following credits for LEED v4: NC-v4/CI-v4 MRC2/MRC3 (Building product disclosure and optimization - environmental product declarations), MRC3/MRC4 (Building product disclosure and optimization - sourcing of raw materials), EQc1 (Enhanced indoor air quality strategies), EQc2 (Low-emitting materials), EQc6 (Interior lighting - Option 2. Lighting quality (E - H)) and EQc9 (Acoustic Performance). Products are not reviewed under LEED. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information on LEED, visit [www.usgbc.org/contact](http://www.usgbc.org/contact)

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Burmatex reserves the right to improve the specification of all products without prior notification. E&OE  
Burmatex carpets and carpet tiles should be installed and used in full accordance with instructions at [www.burmatex.co.uk](http://www.burmatex.co.uk) and recognised trade standards.  
Orders are subject to Burmatex terms and conditions of sale.  
See: [www.burmatex.co.uk](http://www.burmatex.co.uk)

## LRV values for **hadron**

Product code	Product colour name	CIE Y	CIE L
21601	titanium	1.93	15.12
21602	cerulean	2.67	18.65
21603	sparkler	2.54	18.10
21604	firefly	3.27	21.10
21605	crimson	2.31	17.03
21606	papaya	2.51	17.95
21607	flamingo	2.22	16.61
21608	moss	2.28	16.87
21609	mint	2.22	16.62
21610	clay	2.52	18.00
21611	starling	2.28	16.89
21612	raspberry	2.26	16.79
21613	rust	2.08	15.90
21614	violet	2.13	16.15
21615	ash	2.39	17.40
21616	arctic	2.33	17.15
21617	electric	2.03	15.67