

# Libra Grooves

Specification according to EN 1307

Type of manufacture	ISO 2424	Tufted 1/10 "						
Aspect	ISO 2424	Structured loop pile						
Dye method	Space dyed + solution dyed							
Dimensions	EN 994	cm x cm	50 x 50 / 19,68" x 19,68" (20 tiles per box)					
Primary backing	ISO 2424	Polyester fleece						
Secondary backing	ISO 2424	Modified bitumen Polyver® - Polyscan®						
Pile fibre composition	ISO 2424	BCF Polyamide 6 and ECONYL® (ECONYL® is made from 100% regenerated content) **						
Total thickness	ISO 1765	mm	6.5	inch	0.3			
Effective pile thickness	ISO 1766	mm	3.0	inch	0.12			
Total mass	ISO 8543	g/m <sup>2</sup>	4350	oz/yd <sup>2</sup>	128.4			
Total pile mass	ISO 2424	g/m <sup>2</sup>	750	oz/yd <sup>2</sup>	22.1			
Effective pile mass	ISO 8543	g/m <sup>2</sup>	470	oz/yd <sup>2</sup>	13.9			
Pile density	ISO 8543	g/cm <sup>3</sup>	0.157	lb/in <sup>3</sup>	0.0057			
Number of tufts	ISO 1763	/dm <sup>2</sup>	1540	/yd <sup>2</sup>	128759			
Stroll test	ISO 6356	kV	≤ 2,0					
Vertical resistance	ISO 10965	Ohm	≤ 1 x 10 <sup>9</sup>					
Horizontal resistance	ISO 10965	Ohm	≤ 1 x 10 <sup>9</sup>					
Use classification	EN 1307	33 Commercial - heavy use						
Luxury rating	EN 1307	LC 2						
Dimensional stability	EN 986	%	≤ 0,2					
Impact sound reduction ΔL <sub>w</sub>	ISO 10140	dB	25					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
			α <sub>s</sub>	0.03	0.02	0.07	0.17	0.30
Noise reduction	ISO 354	α <sub>w</sub>	0.15					
Thermal resistance	ISO 8302	m <sup>2</sup> .K/W	0.034					
Flammability	EN 13501-1	Bfl - s1 (loose laid tested)						
Prodis - GUT	www.pro-dis.info	BA2DE87B						

Manufactured by:

Desso BV  
PO Box 169  
NL - 5140 AD Waalwijk

EN 14041  
0493-CPD-0002

**BRONZE**

Cradle to Cradle Certified® is a certification mark administered by the Cradle to Cradle Products Innovation Institute

\*\* ECONYL® is a yarn made from 100% regenerated content. The total % of regenerated content varies per product and per colour. Whether a colour contains ECONYL® and the exact % thereof can be found on our website: [www.desso.com](http://www.desso.com).

Desso flooring products are to be installed in full accordance with Desso's installation instructions and recognised trade standards. An effective, regular cleaning and maintenance programme is vital for retaining a high appearance level. Desso flooring products should only be used as floorcoverings. Note: Desso reserves the right to amend this specification without giving prior notice. For the latest versions of the technical specifications, visit [www.desso.com](http://www.desso.com)

# Libra Grooves EcoBase™

Preliminary specification according to EN 1307

Type of manufacture	ISO 2424		Tufted 1/10 "					
Aspect	ISO 2424		Structured loop pile					
Dye method			Space dyed + solution dyed					
Dimensions	EN 994	cm x cm	50 x 50 / 19,68" x 19,68" (20 tiles per box)					
Primary backing	ISO 2424		Polyester fleece					
Secondary backing	ISO 2424		Desso EcoBase® *					
Pile fibre composition	ISO 2424		BCF Polyamide 6 and ECONYL® (ECONYL® is made from 100% regenerated content) **					
Total thickness	ISO 1765	mm	6.5	inch	0.3			
Effective pile thickness	ISO 1766	mm	3.0	inch	0.12			
Total mass	ISO 8543	g/m <sup>2</sup>	4350	oz/yd <sup>2</sup>	128.4			
Total pile mass	ISO 2424	g/m <sup>2</sup>	750	oz/yd <sup>2</sup>	22.1			
Effective pile mass	ISO 8543	g/m <sup>2</sup>	470	oz/yd <sup>2</sup>	13.9			
Pile density	ISO 8543	g/cm <sup>3</sup>	0.157	lb/in <sup>3</sup>	0.0057			
Number of tufts	ISO 1763	/dm <sup>2</sup>	1540	/yd <sup>2</sup>	128759			
Stroll test	ISO 6356	kV	≤ 2,0					
Vertical resistance	ISO 10965	Ohm	≤ 1 x 10 <sup>9</sup>					
Horizontal resistance	ISO 10965	Ohm	≤ 1 x 10 <sup>9</sup>					
Use classification	EN 1307		33 Commercial - heavy use					
Luxury rating	EN 1307		LC 2					
Dimensional stability	EN 986	%	≤ 0,2					
Impact sound reduction ΔL <sub>w</sub>	ISO 10140	dB	25					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
			α <sub>s</sub>	0.03	0.02	0.07	0.17	0.30
Noise reduction	ISO 354	α <sub>w</sub>	0.15					
Thermal resistance	ISO 8302	m <sup>2</sup> .K/W	0.034					
Flammability	EN 13501-1		Bfl - s1 (loose laid tested)					
Prodis - GUT	www.pro-dis.info		-					

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\* DESSO EcoBase® is a polyolefin based backing.

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Desso flooring products are to be installed in full accordance with Desso's installation instructions and recognised trade standards. An effective, regular cleaning and maintenance programme is vital for retaining a high appearance level. Desso flooring products should only be used as floorcoverings. Note: Desso reserves the right to amend this specification without giving prior notice. For the latest versions of the technical specifications, visit [www.desso.com](http://www.desso.com)