

Essence Structure

Preliminary specification according to EN 1307

Type of manufacture	ISO 2424	Tufted 1/10 "						
Aspect	ISO 2424	Loop pile						
Dye method		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®						
Pile fibre composition	ISO 2424	BCF Polyamide 6						
Total thickness	ISO 1765	mm	6.3	inch	0.2			
Effective pile thickness	ISO 1766	mm	2.8	inch	0.11			
Total mass	ISO 8543	g/m ²	4100	oz/yd ²	121.0			
Total pile mass	ISO 2424	g/m ²	580	oz/yd ²	17.1			
Effective pile mass	ISO 8543	g/m ²	320	oz/yd ²	9.4			
Pile density	ISO 8543	g/cm ³	0.114	lb/in ³	0.0041			
Number of tufts	ISO 1763	/dm ²	1580	/yd ²	132104			
Stroll test	ISO 6356	kV	≤ 2,0					
Vertical resistance	ISO 10965	Ohm	-					
Horizontal resistance	ISO 10965	Ohm	-					
Use classification	EN 1307	33 Commercial - heavy use						
Luxury rating	EN 1307	LC 1						
Dimensional stability	EN 986	%	≤ 0,2					
Impact sound reduction ΔL _w	ISO 10140	dB	24					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
		α _s	0.00	0.00	0.05	0.15	0.30	0.35
Noise reduction	ISO 354	α _w	0.15					
Thermal resistance	ISO 8302	m ² .K/W	0.071					
Flammability	EN 13501-1	Bfl - s1 (loose laid tested)						
Prodis - GUT	www.pro-dis.info	0FCE0C9C						

EN 14041
0493-CPD-0002

Manufactured by:

Desso BV
PO Box 169
NL - 5140 AD Waalwijk

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ISO 9001 & ISO 14001

BRONZE

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

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

Essence Structure EcoBase™

Preliminary specification according to EN 1307

Type of manufacture	ISO 2424		Tufted 1/10 "					
Aspect	ISO 2424		Loop pile					
Dye method			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					
Total thickness	ISO 1765	mm	6.3	inch	0.2			
Effective pile thickness	ISO 1766	mm	2.8	inch	0.11			
Total mass	ISO 8543	g/m ²	4100	oz/yd ²	121.0			
Total pile mass	ISO 2424	g/m ²	580	oz/yd ²	17.1			
Effective pile mass	ISO 8543	g/m ²	320	oz/yd ²	9.4			
Pile density	ISO 8543	g/cm ³	0.114	lb/in ³	0.0041			
Number of tufts	ISO 1763	/dm ²	1580	/yd ²	132104			
Stroll test	ISO 6356	kV	≤ 2,0					
Vertical resistance	ISO 10965	Ohm	-					
Horizontal resistance	ISO 10965	Ohm	-					
Use classification	EN 1307		33 Commercial - heavy use					
Luxury rating	EN 1307		LC 1					
Dimensional stability	EN 986	%	≤ 0,2					
Impact sound reduction ΔL _w	ISO 10140	dB	24					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
		α _s	0.00	0.00	0.05	0.15	0.30	0.35
Noise reduction	ISO 354	α _w	0.15					
Thermal resistance	ISO 8302	m ² .K/W	0.071					
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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