


# Essence Structure

Specification according to EN 1307

Type of manufacture	ISO 2424	Tufted 1/10 "						
Aspect	ISO 2424	Loop pile						
Dye method	Solution dyed							
Dimension	EN ISO 24342	cm x cm	50 x 50 & 100 x 25 / 19,68" x 19,68" & 39,36" x 9,84" (20 tiles per box)					
Primary backing	ISO 2424	Polyester fleece						
Secondary backing	ISO 2424	DESSO ProBase Polyver®						
Pile fibre composition	ISO 2424	BCF Polyamide 6						
Total thickness	ISO 1765	mm	6.5	inch	0.3			
Effective pile thickness	ISO 1766	mm	2.8	inch	0.11			
Total mass	ISO 8543	g/m <sup>2</sup>	4050	oz/yd <sup>2</sup>	119.5			
Total pile mass	ISO 2424	g/m <sup>2</sup>	580	oz/yd <sup>2</sup>	17.1			
Effective pile mass	ISO 8543	g/m <sup>2</sup>	320	oz/yd <sup>2</sup>	9.4			
Pile density	ISO 8543	g/cm <sup>3</sup>	0.114	lb/in <sup>3</sup>	0.0041			
Number of tufts	ISO 1763	/dm <sup>2</sup>	1580	/yd <sup>2</sup>	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 <sub>w</sub>	ISO 10140	dB	24					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
		α <sub>s</sub>	0.00	0.02	0.06	0.17	0.29	0.37
Noise reduction	ISO 354	α <sub>w</sub>	0.15					
Thermal resistance	ISO 8302	m <sup>2</sup> .K/W	0.071					
Flammability	EN 13501-1	Bfl - s1 (loose laid tested)						
Prodis - GUT	www.pro-dis.info	0FCE0C9C						

**CE**  
EN 14041

Manufactured by:  
Tarkett BV  
Taxandriaweg 15  
NL - 5142 PA Waalwijk






Tarkett's flooring products are to be installed in full accordance with DESSO installation instructions and recognised trade standards. An effective, regular cleaning and maintenance programme is vital for retaining a high appearance level. Tarkett's flooring products should only be used as floorcoverings. Note: Tarkett reserves the right to change this specification without prior notice; changes are subject to normal production tolerances. For the latest versions of the technical specifications, visit [professionals.tarkett.com](http://professionals.tarkett.com)

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