Desso Textile floor covering - Tiles

AirMaster® Oxy

Preliminary specification according to EN 1307

Type of manufacture	ISO 2424		Tufted 1/10 “					
Aspect	ISO 2424		Structured 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® - 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/m²	4350	oz/yd²	128.4			
Total pile mass	ISO 2424	g/m²	670	oz/yd²	19.8			
Effective pile mass	ISO 8543	g/m²	460	oz/yd²	13.6			
Pile density	ISO 8543	g/cm³	0.153	lb/in³	0.0055			
Number of tufts	ISO 1763	/dm²	1580	/yd²	132104			
Stroll test	ISO 6356	kV	≤ 2,0					
Vertical resistance	ISO 10965	Ohm	≤ 1 x 10^9					
Horizontal resistance	ISO 10965	Ohm	≤ 1 x 10^9					
Use classification	EN 1307		33 Commercial - heavy use					
Luxury rating	EN 1307		LC 2					
Dimensional stability	EN 986	%	≤ 0,2					
Impact sound reduction ΔL_w	ISO 10140	dB	-					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
		α_s	-	-	-	-	-	-
Noise reduction	ISO 354	α_w	-					
Thermal resistance	ISO 8302	m².K/W	-					
Flammability	EN 13501-1		Bfl - s1 (loose laid tested)					
Prodis - GUT	www.pro-dis.info		-					

CE
EN 14041
0493-CPR-0002

Manufactured by:
Desso BV
PO Box 169
NL - 5140 AD Waalwijk

Bfl-s1 DS

ECONYL® Made with 100% Regenerated Nylon

Quality- and Environmental Management System Certification ISO 9001 & ISO 14001

** 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.

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

Desso Textile floor covering - Tiles

AirMaster® Oxy EcoBase™

Preliminary specification according to EN 1307

Type of manufacture	ISO 2424		Tufted 1/10 “					
Aspect	ISO 2424		Structured 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 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/m²	4350	oz/yd²	128.4			
Total pile mass	ISO 2424	g/m²	670	oz/yd²	19.8			
Effective pile mass	ISO 8543	g/m²	460	oz/yd²	13.6			
Pile density	ISO 8543	g/cm³	0.153	lb/in³	0.0055			
Number of tufts	ISO 1763	/dm²	1580	/yd²	132104			
Stroll test	ISO 6356	kV	≤ 2,0					
Vertical resistance	ISO 10965	Ohm	≤ 1 x 10^9					
Horizontal resistance	ISO 10965	Ohm	≤ 1 x 10^9					
Use classification	EN 1307		33 Commercial - heavy use					
Luxury rating	EN 1307		LC 2					
Dimensional stability	EN 986	%	≤ 0,2					
Impact sound reduction ΔL_w	ISO 10140	dB	-					
Sound absorption	ISO 354	Freq. Hz	125	250	500	1000	2000	4000
		α_s	-	-	-	-	-	-
Noise reduction	ISO 354	α_w	-					
Thermal resistance	ISO 8302	m².K/W	-					
Flammability	EN 13501-1		Bfl - s1 (loose laid tested)					
Prodis - GUT	www.pro-dis.info		-					

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Quality- and Environmental Management System Certification ISO 9001 & ISO 14001

* DESSO EcoBase® is a polyolefin based backing.
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