

ESD PERFORMANCES		TEST METHOD	CLASSIFICATION STANDARD		
Protection against ESDs	-		IEC 61340-4-5	-	OK
			ANSI/ESD S 20.20		
Electrical resistance <sup>(1)</sup>	IEC 61340-4-1	-	Ω	Rgp < 10 <sup>9</sup>	
	ANSI/ESD S 7.1	-		Rgp < 10 <sup>9</sup>	
	ANSI/ESD S 7.1	-		Rpp < 10 <sup>9</sup>	
	IEC 61340-4-5 <sup>(2)</sup>	-		Rg < 10 <sup>9</sup>	
	ANSI/ESD STM 97.1	-		Rg < 10 <sup>9</sup>	
	EN 1081	-		10 <sup>4</sup> ≤ Rg ≤ 10 <sup>6</sup>	
	ASTM F150	-		Rg < 10 <sup>6</sup>	
Body Voltage Generation (BVG)	IEC 61340-4-5	-	v	< 100 <sup>(2)</sup>	
	ANSI/ESD STM 97.2				
CLEANROOM PERFORMANCE					
Particulate emission	Méthode FRAUNHOFER	ISO 14644-1	-	ISO 5	
	-	FS 209 <sup>E</sup>	-	Class 100	
Air cleanliness	ISO 16000-6,-9,-11	ISO 14644-8	ACCn/AMCn Class	- 7.7	
Anion emission	Méthode FRAUNHOFER	ISO 14644-8	[ΩG/m <sup>2</sup> /h]	unmeasurable (at 23°C)	
Ammonium N emission	ISO11732	ISO 14644-8	[ΩG/m <sup>2</sup> /h]	unmeasurable (at 23°C)	
Particulate cleanability	Méthode FRAUNHOFER	VDI 2083 part 9.3 ISO 14644-9	%	98.8 % reduction in particulate contamination	
Microbiological cleanability	Méthode FRAUNHOFER	ISO 1498-1/GMP	classification	A	
Action of micro-organisms on the flooring	ISO 846	GMP	classification	Inert and resistant	
Micro-organism growth on the flooring	ISO 846	ISO 14698-1	classification	Bactériostatic	
Chemical resistance	ISO2812-1	ISO 14644-4	-	Excellent	
Resistance to gaseous H <sub>2</sub> O <sub>2</sub>	BIOQUELL process	ISO 14644-4	-	No alteration	
Maximum static load	ASTM F970	-	-	-.002" under 250 psi and up to 2000 psi	
DESCRIPTION					
Total thickness	-	EN ISO 24346 (EN 428)	mm	2 (0.08")	
Roll length / width	-	EN ISO 24341 (EN 426)	cm / ml	200 x 20 (6'6" x 66')	
Tile format *	-	EN ISO 24342 (EN 427)	mm	608 x 608 (23.9" x 23.9") Soon available	
European classification	-	EN ISO 10874 (EN 685)	classification	34 - 43	
UPEC	-	-	classification	Adapted for rooms classified U4P3E2/3C2	
Reference specification	-	ASTM F1913 EN 14041	-	Meets requirements	
Fire behaviour	-	EN 13501-1	class	Bfl-s1	
Fire rating	-	ASTM E648	class	Class 1	
Non-slip properties	-	DIN 51130	class	R9	
Coefficient of friction	-	ASTM C 1028	-	Meets requirements	

(1) Results of tests performed on the flooring alone

(2) Measured with ESD shoes (ABEBA or Uvex)