

## Technical specifications

### ColoRex® SD/EC



		SD	EC
Classification	EN 685	34/43	34/43
CE-marking	EN 14041	compliant	compliant
Collection size		19	15
Total thickness	EN 428	2.0 mm / 3.0 mm *	2.0 mm / 3.0 mm*
Tile size(s)	EN 427	610 x 610 mm	610 x 610 mm
		615 x 615 mm*	615 x 615 mm*
		613 x 1226 mm*	613 x 1226 mm*
Weight	EN 430	3.2 kg/m <sup>2</sup>	3.2 kg/m <sup>2</sup>
Electrical resistance	IEC 61340-4-1	10 <sup>6</sup> ≤ R ≤ 10 <sup>8</sup> Ω	5 x 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup> Ω
	IEC 61340-4-5**	-	7.5 x 10 <sup>5</sup> ≤ R ≤ 3.5 x 10 <sup>7</sup> Ω
	EN 1081	R ≤ 10 <sup>8</sup> Ω	R ≤ 10 <sup>6</sup> Ω
	ANSI/ESD STM 7.1**	10 <sup>6</sup> ≤ R ≤ 10 <sup>8</sup> Ω	2.5 x 10 <sup>4</sup> ≤ R ≤ 10 <sup>6</sup> Ω
	ANSI/ESD STM 97.1	-	7.5 x 10 <sup>5</sup> ≤ R ≤ 3.5 x 10 <sup>7</sup> Ω
Body voltage generation	IEC 61340-4-5	< 70V	< 30V
	ANSI/ESD STM 97.2**	< 70V	< 30V
Outgassing	IDEMA M11-99	TD-GC-MC results available upon request	
	EN 13419-2	SVOC: 64µg/m <sup>2</sup> x h after 28 days	
Slip resistance	EN 13893-dry surfaces	µ: 0.6	µ: 0.6
	DIN 51130	R9	R9
Fire rating	EN 13501-1	B <sub>s</sub> s1	B <sub>s</sub> s1
Wear resistance	EN 660-1	group M	group M
Castor chair resistance	EN 425	No effect	No effect
Residual indentation	EN 433	0.035 mm	0.035 mm
Colour fastness	EN 20105-B02 method 3	7- 8	7- 8
Thermal conductivity	DIN 5085-1	0.007 m <sup>2</sup> K/W (suitable for floor heating systems)	
Chemical resistance	EN 423	Excellent (details available upon request)	
Dimension stability	EN 434	0.05% lengthwise/crosswise	0.05% lengthwise/crosswise
Bacteriostatic and fungicidal behaviour	SNV 195 920	yes	yes
	SNV 195 921	yes	yes
Ease of nuclear decontamination	DIN 25415 Part 1	Excellent	Excellent
	ISO 8690	Excellent	Excellent

\* available upon request, restrictions may apply \*\* with ESD shoes

The above information is subject to modifications for the benefit of further improvements.