

ESD SOLUTIONS

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CONDUCTIVE ROLLS



MIPOLAM ELEGANCE EL5



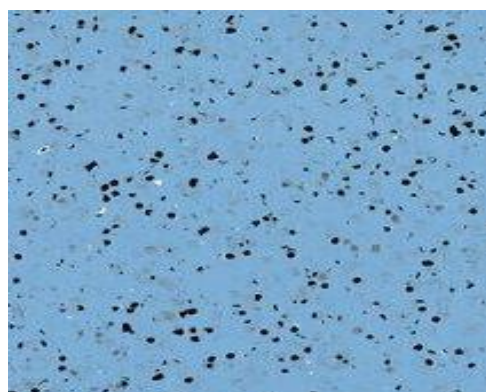
0350 Light Grey



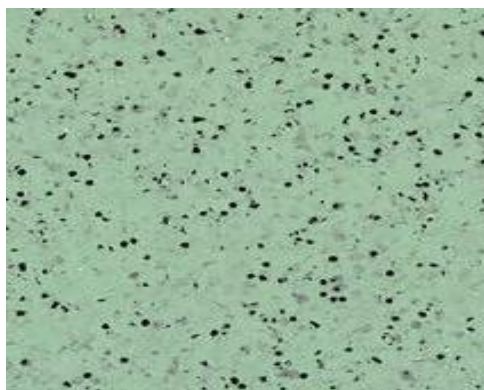
0352 Grey



0353 Beige



0354 Blue



0355 Blue



DESCRIPTION			
Total thickness	EN ISO 24346	mm	2.00
Weight	EN ISO 23997	g/sq.m	2985
Width of sheet	EN ISO 24341	cm	200
Length of sheet	EN ISO 24341	lm	20
CLASSIFICATION			
Standard / Product specification		-	EN ISO 10581
European classification	EN ISO 10874	class	34 - 43
Fire rating	EN 13501-1	class	B _{f1} -s1
Electrical resistance *	EN 1081	Ohm	$10^4 \leq R_t \leq 10^6$
Static electrical propensity	EN 1815	kV	< 2
Slip resistance	DIN 51130	class	R9
PERFORMANCE			
Type Binder content	ISO 10581	type	I
Dimensional stability	EN ISO 23999	%	$\leq 0,40$
Residual indentation (norm)	EN ISO 24343-1	Mm	≤ 0.10
Residual indentation (average measured value)	-	mm	$\sim 0,02$
Castor chair test (type W)	ISO 4918	-	OK
Thermal conductivity	EN ISO 10456	W/(m.K)	0.25
Colour fastness	EN 20 105 - B02	degree	≥ 6
Surface treatment	-	-	Evercare™
Chemical products resistance	EN ISO 26987	-	OK
Anti-bacterial activity (E.coli – S. aureus – MRSA) (1)	ISO 22196	-	> 99 % inhibits growth
Antiviral activity (human coronavirus 229E)	ISO 21702		99.7% after 2h
ENVIRONMENT / INDOOR AIR QUALITY			
TVOC after 28 days	ISO 16000-6	µg/ m³	< 10
Certification	-	-	Floorscore®
MARQUAGE CE			
	EN 14041	-	  
		-	

* Measured before installation

Important : please refer to GERFLOR installation guidelines – www.gerflor.com

(1) The implementation of an effective cleaning method is the best defence against infection



MIPOLAM ELEGANCE EL5



$10^4 \leq R_t \leq 10^6 \Omega$



100 % recyclable



MIPOLAM ELEGANCE EL5 is a conductive flexible homogeneous vinyl floorcovering available in sheet. The 2 mm homogeneous material incorporates carbon encapsulated granules throughout its full thickness. It has a **conductive backing** to ensure optimal and consistent conductive properties throughout its full life expectancy.

This floorcovering is treated with **Evercare™**, the latest improvements in polyurethane surface treatment obtained by UV laser cross-linking. Evercare™ avoids stain of chemical products used in healthcare like betadine, eosin or anti-bacterial hand gel and increases the durability of the flooring.

This treatment has excellent maintenance characteristics; it requires no wax for life!

MIPOLAM ELEGANCE EL5 acts as a continuous conductive $10^4 \leq R_t \leq 10^6$. It has permanent antistatic properties (< 100 V). The product has to be grounded with an ESD copper strip (cf. finishes) to meets its full performance.

The product is non-reactive to residual indentation with a value $\leq 0,02$ mm EN ISO 24343-1 (EN 433).

The flooring complies with the EN ISO 10581 (EN 649) (34-43) offering a group P wear rating suitable for heavy duty traffic areas and B_{f1}-s1 fire resistance.

The product is non-emissive of volatile organic compounds with <10 µg/m³ (TVOC after 28 days ISO 16000-6).

