ESD SOLUTIONS

gerflor.com

DISSIPATIVE & CONDUCTIVE ROLLS AND TILES

Gerflor®
theflooringgroup

NEW INSTALLATION > PERMANENT ADHESIVE

Mipolam Elegance EL5
Mipolam Technic EL5
Mipolam Accord EL7
Mipolam Robust EL7

ADHESIVE

- Permanent adhesive

evercare™

- Surface treatment

ESD areas

- IEC 61340-4-5: < 100 to < 20 V

- Resistant to high traffic

- Ideal for new projects
- *Idéal nouveaux projets*
- Ideal für neue Projekte

- Permanent installation on prepared subfloor
- *Pose permanente sur support préparé*
- Dauerhafte Verlegung auf vorbereitetem Untergrund

RENOVATION AND/OR BUSY AREAS > LOOSELAY INSTALLATION

GTI EL5 Connect

GTI EL5 Control

- Looselay installation (No adhesive)

- Surface treatment
- IEC 61340-4-5: < 100 to < 20 V
- Resistant to heavy traffic

GTI EL5 Connect

- Fast Installation
- *Installation rapide*
- Schnelle Verlegung

GTI EL5 Control

- Watertight System (hot welding)
- *Système étanche (soudure à chaud)*
- Wasserdichtes System (thermische Verschweißung)

MIPOLAM ACCORD EL7

2 m	608 x 608 mm	$10^6 \leq Rt \leq 10^8\ \Omega$	100 % recyclable

3113 Manitoba

3111 Huron

3127 Garda

3159 Michigan

3116 Mälaren

3160 Balaton

MIPOLAM ROBUST EL7

2 m	608 x 608 mm	$10^6 \leq Rt \leq 10^8\ \Omega$	100 % recyclable

0003 Ivory

0002 Platinum

0112 Storm

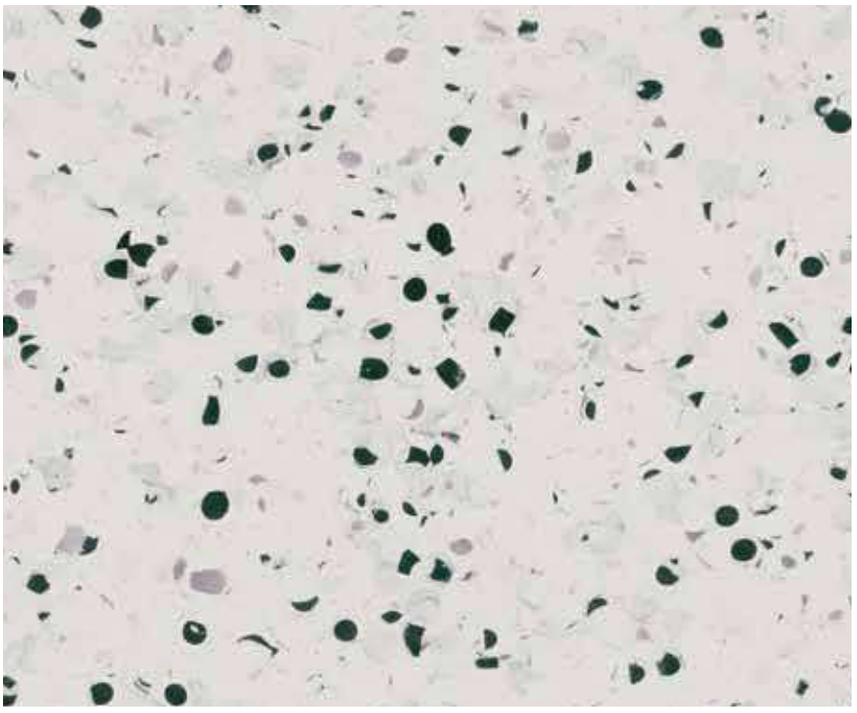
0306 Green

0005 Steel

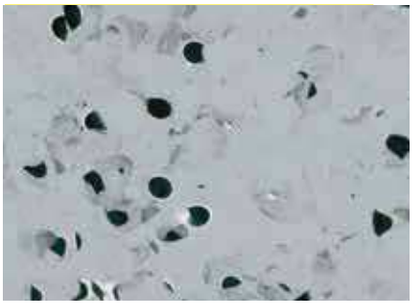
0013 Pewter

MIPOLAM ELEGANCE EL5

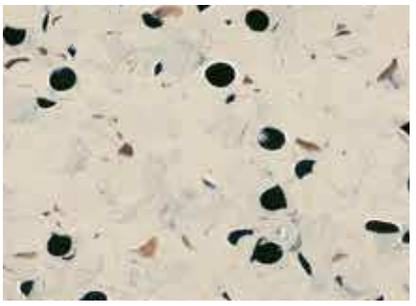
2 m | $10^4 \leq Rt \leq 10^6\ \Omega$ | ESD areas | ♻ 100 % recyclable | evercare™ available soon!



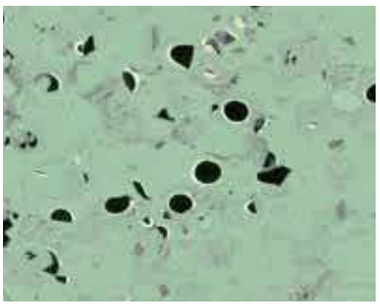
0350 Light Grey



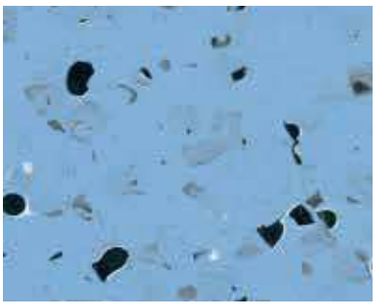
0352 Grey



0353 Beige



0355 Green



0354 Blue

0351 Black

MIPOLAM TECHNIC EL5

608 x 608 mm | $10^4 \leq Rt \leq 10^6\ \Omega$ | ESD areas | ♻ 100 % recyclable

0635 White

0636 Grey

0640 Beige

0637 Light Blue

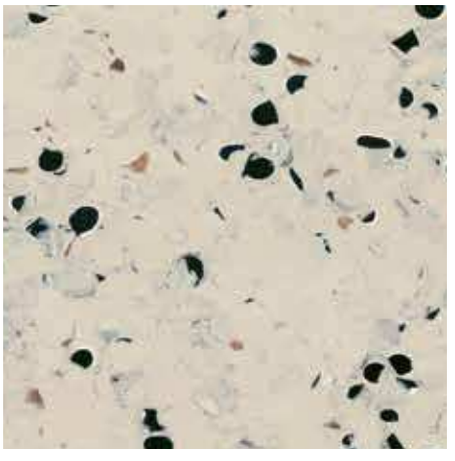
0638 Blue

0639 Green

GTI EL5

CONTROL 650 x 650 mm	CONNECT 635 x 635 mm	$5x10^4 \leq Rt \leq 10^6\ \Omega$	ESD areas	R9	100 % recyclable

CONNECT 0352 Grey



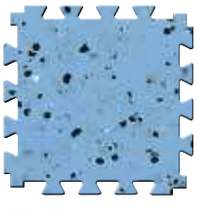
CONTROL 0353 Beige

GTI EL5 CONNECT

0350 Light Grey

0352 Grey

0353 Beige



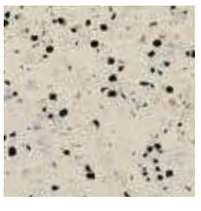
0354 Blue

0351 Black

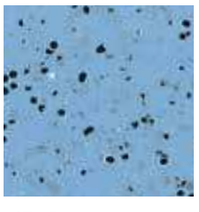
GTI EL5 CONTROL

0350 Light Grey

0352 Grey



0353 Beige



0354 Blue

0351 Black

MAQUET

ESD SOLUTIONS

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			MIPOLAM ELEGANCE EL5	MIPOLAM TECHNIC EL5	MIPOLAM ACCORD EL7	MIPOLAM ROBUST EL7	GTI EL5 CONNECT	GTI EL5 CONTROL
DESCRIPTION								
Total thickness	EN ISO 24346 (EN428)	mm	2.00	2.00	2.00	2.00	6.00	6.00
Wearlayer thickness	EN ISO 24340 (EN 429)	mm	-	-	-	-	2	2
Weight	EN ISO 23997 (EN 430)	g/sq.m	3060	3800	3100	3300	9240	9240
Width/length of sheet	EN ISO 24341 (EN 426)	cm / lm	200 / 20	-	200 / 20	200 / 20	-	-
Tile size	EN ISO 24342 (EN 427)	mm	-	608 x 608	608 x 608	608 x 608	635 x 635	650 x 650
Number of tiles per package	-	-	-	20	20	20	-	-
CLASSIFICATION								
Standard / product specification	-	-	EN ISO 10581 (EN 649)	EN ISO 10581 (EN 649)	EN ISO 10581 (EN 649)	EN ISO 10581 (EN 649)	EN ISO 10582 (EN 649)	EN ISO 10582 (EN 649)
European classification	EN ISO 10874 (EN 685)	class	34-43	34-43	34-43	34-43	34-43	34-43
Fire rating	EN 13501-1	class	B_{fl} - s1	B_{fl} - s1	B_{fl} - s1	B_{fl} - s1	B_{fl} - s1	B_{fl} - s1
Electrical resistance [1]	EN 1081	Ohm	$10^4 \leq Rt \leq 10^6$	$10^4 \leq Rt \leq 10^6$	$10^6 \leq Rt \leq 10^8$	$10^6 \leq Rt \leq 10^8$	$5 \times 10^4 \leq Rt \leq 10^6$	$5 \times 10^4 \leq Rt \leq 10^6$
	IEC 61340-4-1	Ohm	$\leq 10^6$	$\leq 10^6$	$10^6 \leq Rt \leq 10^9$	$10^6 \leq Rt \leq 10^9$	$\leq 10^8$	$\leq 10^8$
	ANSI / ESD-STM 7.1	Ohm	$2.5 \times 10^4 \leq Rt \leq 10^6$	$2.5 \times 10^4 \leq Rt \leq 10^6$	$10^6 \leq Rt \leq 10^8$	$10^6 \leq Rt \leq 10^8$	$2.5 \times 10^4 \leq Rt \leq 10^6$	$2.5 \times 10^4 \leq Rt \leq 10^6$
Static electrical propensity	EN 1815	kV	< 2	< 2	< 2	< 2	< 2	< 2
	IEC 61340-4-5 [3]	V	< 20	< 20	< 100	< 100	< 100	< 100
Protection against electrostatic discharges	ESD S20.20	-	OK	OK	OK	OK	OK	OK
	IEC 61340-5-1	-	OK	OK	OK [2]	OK [2]	OK	OK
Slip resistance wet	DIN 51 130	class	R9	-	R9	-	R9	R9
PERFORMANCE								
Wear resistance	EN 660.2	mm^3	≤ 4.0	≤ 4.0	≤ 4.0	≤ 7.5	≤ 4	≤ 4
Wear group	(EN 649)	-	P	P	P	M	P	P
Type binder content	ISO 10581	Type	I	II	II	II	-	-
	ISO 10582	Type	-	-	-	-	I	I
Dimensional stability	EN ISO 23999 (EN 434)	%	≤ 0.40	≤ 0.25	Sheet ≤ 0.40 Tile ≤ 0.25	Sheet ≤ 0.40 Tile ≤ 0.25	≤ 0.25	≤ 0.25
Shore hardness	EN ISO 868	Hd	-	-	-	-	≥ 90	≥ 90
Residual indentation	EN ISO 24343-1 (EN 433)	mm	≃ 0.02	≃ 0.03	≃ 0.02	≃ 0.03	-	-
Castor chair test (Type W)	ISO 4918 (EN 425)	-	OK	OK	OK	OK	OK	OK
Thermal conductivity	EN ISO 10456 (EN 12524)	(m.K)	0.25	0.25	0.25	0.25	0.25	0.25
Colour fastness	EN 20 105 - B02	degree	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Surface treatment	-	-	-	-	Evercare™	-	Evercare™	Evercare™
Chemical resistance	EN ISO 26987 (EN 423)	-	OK	OK	OK	OK	OK	OK
ENVIRONMENT / INDOOR AIR QUALITY								
TVOC after 28 days	ISO 16000-6	$\mu g/m^3$	< 10	< 10	< 10	< 10	< 10	< 10
Certification	-	-	Floorscore®	-	Floorscore®	-	Floorscore®	Floorscore®
CE MARKING								
CE	EN 14041	-		DS,	B_{fl}-s1			
		-	$<10^6\Omega$		$<10^9\Omega$		$<10^6\Omega$	

(1) Measured before installation. (2) Not compliant with IEC 61340-4-1 layed on raised floor. (3) Measured with ESD shoes (ABEBA and Uvex)

INSTALLATION

Laying is the responsibility of the installer. Installation should be made in accordance with installation guidelines supplied and regularly updated by Gerflor's Technical Department. Installation should be carried out in accordance with local standards. Subfloor to be smooth, hard, clean and dry prior to laying. Where applicable the subfloor must incorporate an effective Damp Proof Membrane. The material must be allowed to acclimatise 24 hours prior to installation in a room temperature of between 18-24°C. All seams must be heat welded using Gerflor matching weld rod.

MAINTENANCE

Maintenance should be carried out regularly to retain the appearance and durability of the floor. The floor covering should be maintained with regular sweeping and damp mopping using a neutral cleaner, or auto scrubber machine with an appropriate pad.

⚠ Rubber leaves indelible stains on vinyl floorings: do not use mats with rubber backing and replace tubular furniture feet with those made of PVC or polyamide. Place mats of sufficient length at entrances to reduce outside sources of dirt.

Further installation and maintenance instructions are available on www.gerflor.com

Health & Safety

ISO 14001

Recycling

Life Cycle Analysis

Committed to sustainable development

Gerflor® theflooringgroup

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