

ESD SOLUTIONS

gerflor.com

DISSIPATIVE & CONDUCTIVE ROLLS AND TILES



Gerflor[®]
theflooringroup

NEW INSTALLATION > PERMANENT ADHESIVE



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



▶ Permanent adhesive



▶ Surface treatment



▶ 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

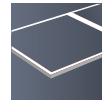


▶ Resistant to
heavy traffic



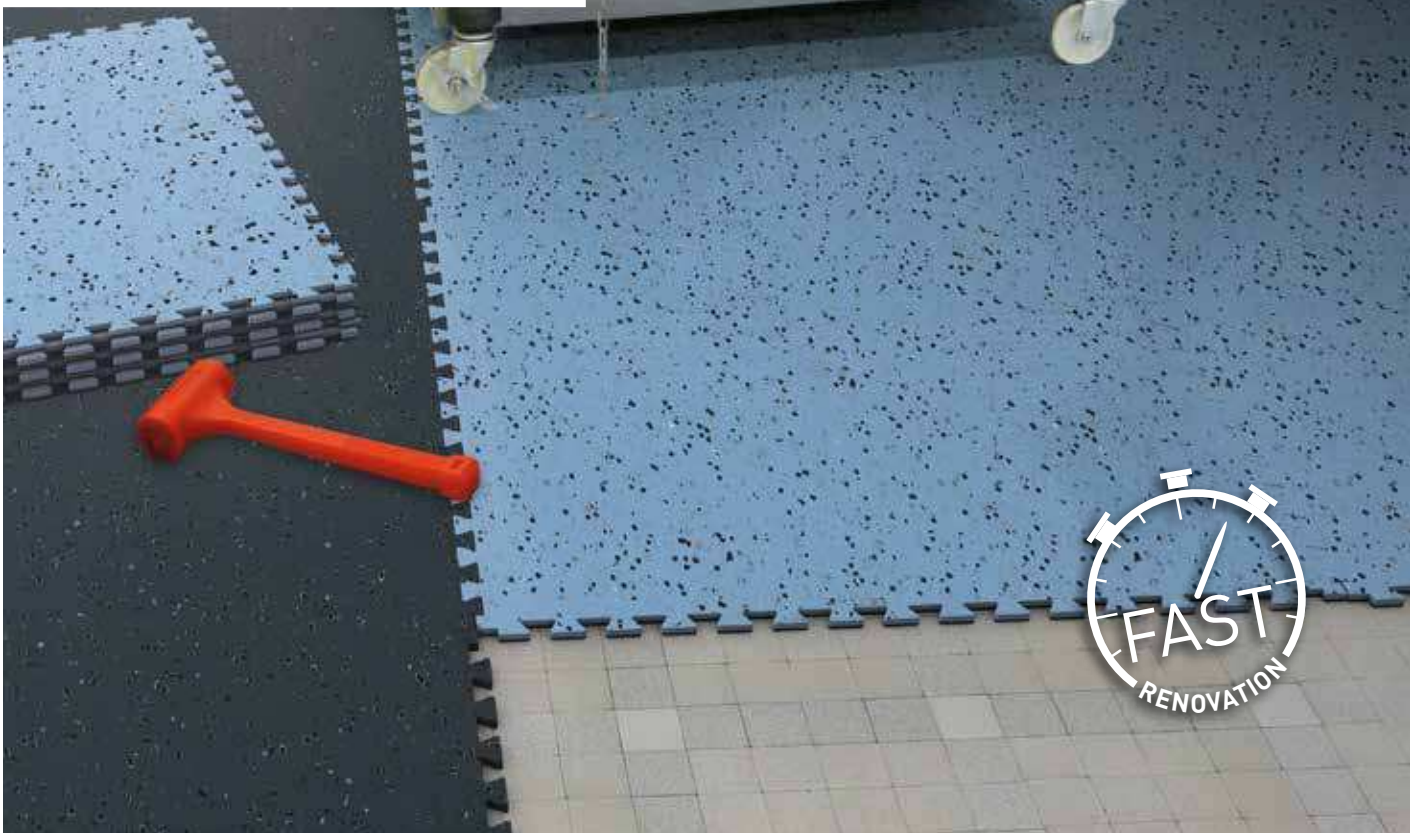
GTI EL5 Connect

- ✦ Fast Installation
- ✦ *Installation rapide*
- ✦ Schnelle Verlegung



GTI EL5 Control

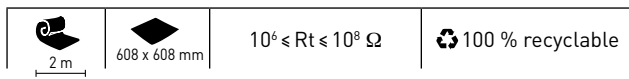
- ✦ Watertight System (hot welding)
- ✦ *Système étanche (soudure à chaud)*
- ✦ Wasserdichtes System
(thermische Verschweißung)



NEW INSTALLATION > PERMANENT ADHESIVE

▶ Dissipative floorings

MIPOLAM ACCORD EL7



3113 Manitoba



3111 Huron



3127 Garda



3159 Michigan

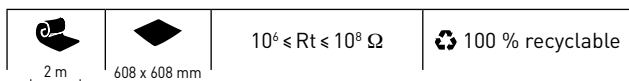


3116 Mälaren



3160 Balaton

MIPOLAM ROBUST EL7



0003 Ivory



0002 Platinum



0112 Storm



0306 Green



0005 Steel



0013 Pewter

NEW INSTALLATION > PERMANENT ADHESIVE

► Conductive floorings

MIPOLAM ELEGANCE EL5



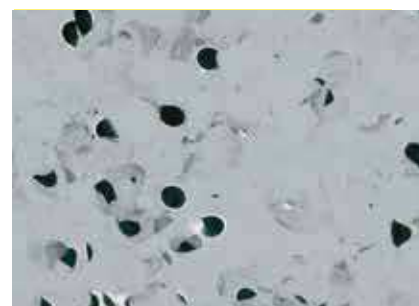
$10^4 \leq Rt \leq 10^6 \Omega$



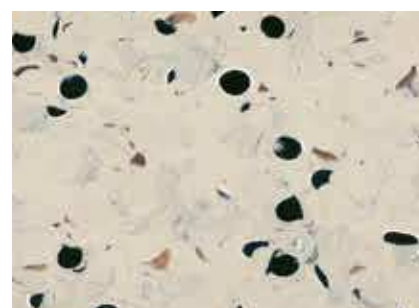
100 % recyclable



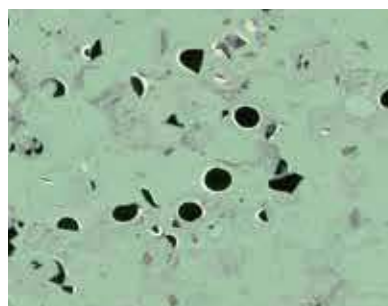
0350 Light Grey



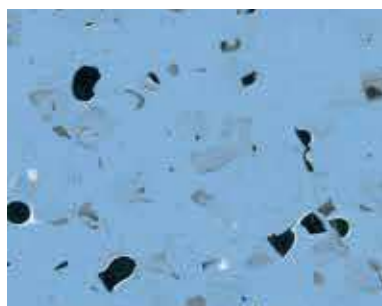
0352 Grey



0353 Beige



0355 Green

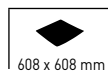


0354 Blue



0351 Black

MIPOLAM TECHNIC EL5



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



100 % recyclable



0635 White



0636 Grey



0640 Beige



0637 Light Blue



0638 Blue







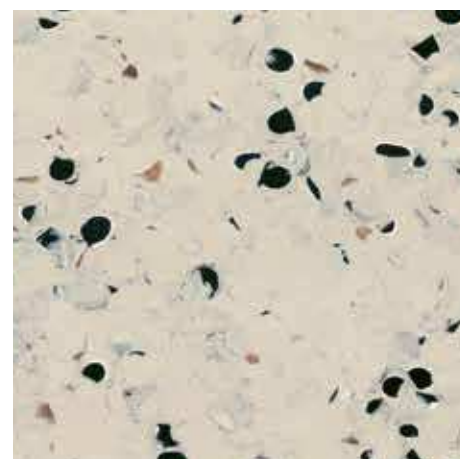
0639 Green

RENOVATION AND/OR BUSY AREAS > LOOSELAY INSTALLATION

► Conductive floorings

GTI EL5

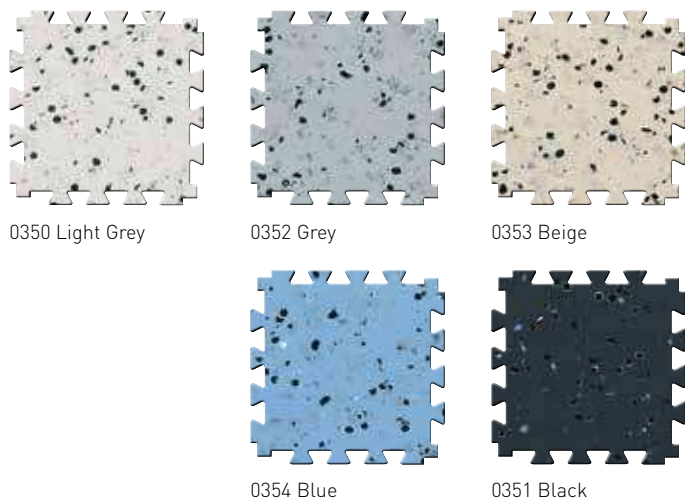
 CONTROL 650 x 650 mm	 CONNECT 635 x 635 mm	$5 \times 10^4 \leq R_t \leq 10^6 \Omega$	 ESD areas	R9	 100 % recyclable
--	---	---	---	----	--



CONNECT 0352 Grey

CONTROL 0353 Beige

GTI EL5 CONNECT



GTI EL5 CONTROL





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	Bfl - s1	Bfl - s1	Bfl - s1	Bfl - s1	Bfl - s1	Bfl - 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	µg/m ³	< 10	< 10	< 10	< 10	< 10	< 10
Certification	-	-	Floorscore®	-	Floorscore®	-	Floorscore®	Floorscore®

CE MARKING

CE	EN 14041	-			
	-	-			

[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

