

ESD SOLUTIONS

gerflor.com



Gerflor[®]
theflooringgroup

ESD SOLUTIONS

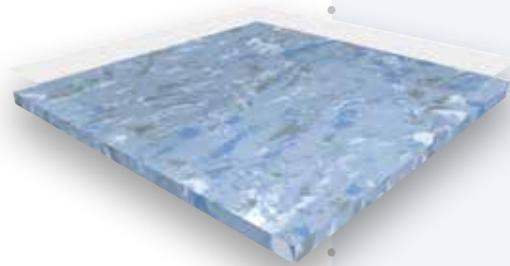
RENOVATION /
LOOSELAY INSTALLATION



NEW INSTALLATION /
PERMANENT ADHESIVE



NON-TREATED

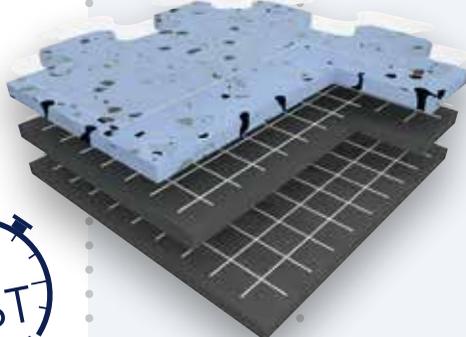
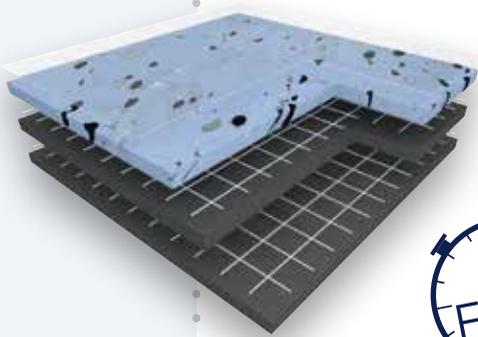


MIPOLAM ACCORD EL7



MIPOLAM ROBUST EL7

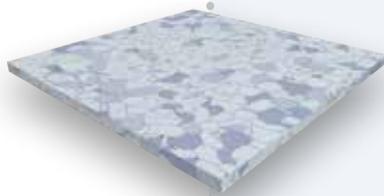
Dissipative flooring



GTI EL5



MIPOLAM ELEGANCE EL5



MIPOLAM TECHNIC EL5

$10^6 \Omega$

$10^5 \Omega$

$5 \times 10^4 \Omega$

$10^4 \Omega$

Electrical resistance (EN 1081)

Conductive flooring

Static electricity

Static electricity is everywhere. At its most spectacular expression appear storms and lightnings. Static Electricity is also generated by friction and separation of two materials where one is nonconductor. This produces a build-up of electric charge on the surface of each material with one becoming positively and the other becoming negatively charged.

The electrostatic charges naturally seek to balance themselves out. Electro Static Discharge (ESD) occurs as soon as contact is made with a conductive element.

Static electricity is harmless to humans. However, it can pose serious threats to sensitive equipment. Vulnerable electronic equipment can be subject to a reduction of sensitivity and even complete failure in the event of an uncontrolled discharge of static energy.

Typical concerned areas include healthcare environments such as operating theatres and intensive care wards, electronics industry and industrial clean rooms.



ESD risks

In technical areas and industrial premises, electrostatic discharges lead to numerous problems. The most frequent among them are:

- **degradation of sensitive electronic components** leading to a loss of performance which is occasionally impossible to detect during routine quality control
- **deterioration of production conditions:** disruption of sensitive electronic equipment, aggregation of dust, reduction in line output, etc.
- **risk to human safety.**

In the electronic industry, 30-50% of faults found in components are due to uncontrolled Electro Static Discharge (ESD).

In particular circumstances, close packing of components can have a marked increase in the sensitivity of products and charges as little as 10 volts may be sufficient to increase risk.

This is most notable in restricted industrial areas where ESD can cause explosions. This may be due to the presence of flammable or explosive mixtures but also in areas where fine powders are subject to friction such as the bakery industry where fire is a permanent threat.

Controlling ESD

To reduce the risk from static electricity, various solutions can be effective including: earthing points for people and equipment, static control packaging or ionisation, all having the intention of:

- **Limiting charges**
- **Controlling discharges**

An overall ESD risk assessment must be carried out in order to take into account the professional environment, the risks linked to procedures and the sensitivity and susceptibility of the components.

The most employed method for limiting electrostatic charge is by grounding people and objects. The use of electroconductive floorings combined with conductive footwear constitutes a key part in managing this phenomenon. It guarantees a long-term, low level and harmless discharge to people.

Mipolam EL floorings

Mipolam EL floorings offer a complete range of products, **conductive (EL5)** and **dissipative (EL7)**. According to the type of requirements they ensure:

- the protection of electronic equipment and components
- the protection of people against electro-static discharge
- the protection of premises against explosive risks

Used in conjunction with conductive footwear, Mipolam EL floorings guarantee the highest level of protection against ESD risk due to their low generation of charges (< 100 to < 20 V according to the IEC 61340 - 4 - 5) and to the effective elimination of charges over long term.

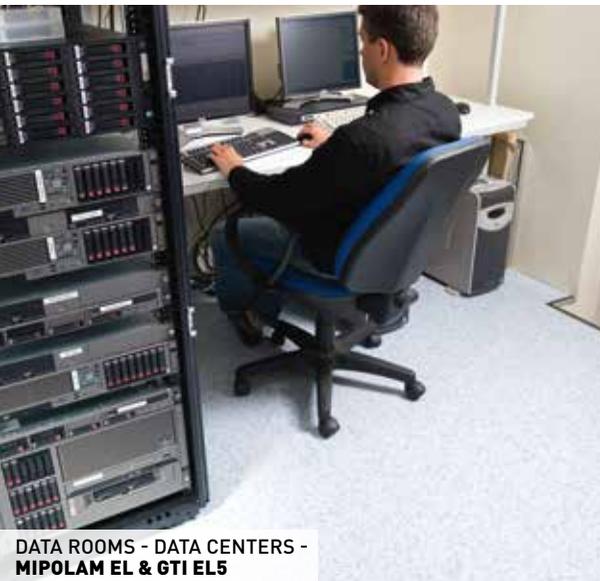
APPLICATIONS: A SOLUTION FOR ALL MARKETS



LABORATORIES - MIPOLAM EL & GTI EL5



ESD AREAS - MIPOLAM EL & GTI EL5



DATA ROOMS - DATA CENTERS -
MIPOLAM EL & GTI EL5



AGV AREAS - GTI EL 5 ONLY



CLEANROOMS & HEALTHCARE ENVIRONMENTS -
MIPOLAM EL & GTI EL5

MIPOLAM EL BENEFITS



Controlling discharges

- Mipolam EL floorcoverings guarantee the lasting elimination of electrostatic charges while taking into account people's safety.

Low accumulation of charges

- Mipolam EL floorcoverings guarantee a low accumulation of electrostatic charges to people and equipment.

Mechanical resistance

- The homogeneous and compact surface provides enduring resistance to static and dynamic loads.

Chemical resistance

- Mipolam EL floorcoverings display excellent resistance to chemical products such as detergents, acids and alkaline products.

Minimum gas emission

- Low VOC emissions (<10 $\mu\text{g}/\text{m}^3$).





Decontamination

- Mipolam EL floorcoverings are rated as “good” in compliance with the nuclear decontamination standard ISO 8690.

Fully hygienic

- Floorcovering is non-absorbent, impervious and non-porous.
- Can be hot welded and installed with a coved skirting for easy cleaning.
- Mipolam Elegance EL 5 & Mipolam Accord EL7 are now treated with Evercare™ ensuring easy maintenance, no wax for life, stain barrier, chemical resistance.

Access flooring with laminar flow

- Mipolam EL floorings and GTI EL5 tiles are especially well suited to “high-tech” applications. They are designed to be compatible with access flooring in cleanrooms with laminar flow.

Low risk of particle contamination

- The Mipolam EL tile meets the high requirements for particle contamination set by electronic industry due to the low release of carbon particles.



MIPOLAM EL

DISSIPATIVE ROLLS AND TILES

▶ 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

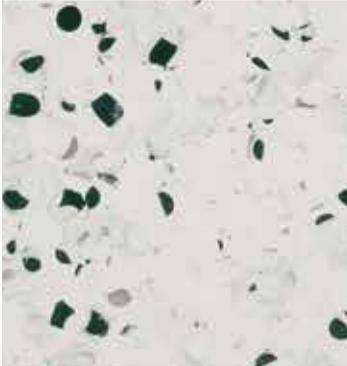


 Compact sheet without foam backing -  Compact tile without foam backing

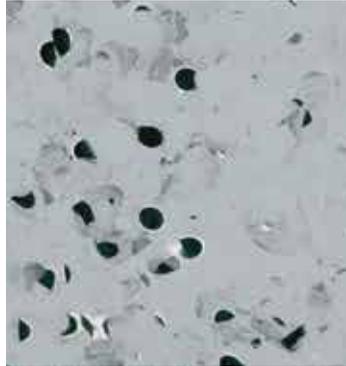
CONDUCTIVE ROLLS AND TILES



▶ MIPOLAM ELEGANCE EL5



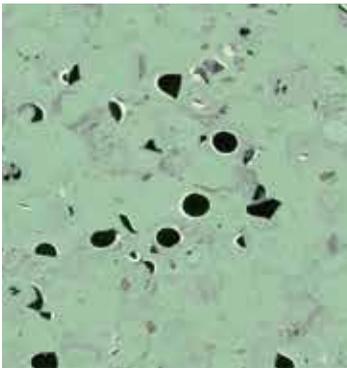
0350 Light Grey



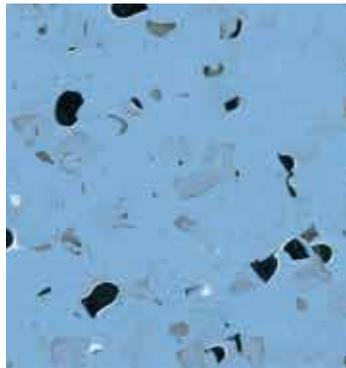
0352 Grey



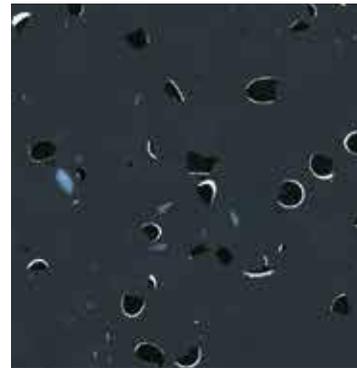
0353 Beige



0355 Green



0354 Blue



0351 Black

▶ MIPOLAM TECHNIC EL5



0635 White



0636 Grey



0640 Beige



0637 Light Blue



0638 Blue



0639 Green

The images of floorcoverings in this catalogue have been reproduced as faithfully as printing technology permits.

PRODUCT DESCRIPTION

MIPOLAM ELEGANCE EL5

	$5 \times 10^4 \leq Rt \leq 10^6 \Omega$	Evercare™		 100 % recyclable
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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 $5 \times 10^4 \leq Rt \leq 10^6$. It has permanent antistatic properties (< 100 V). The product has to be grounded with an ESD copper strip (cf. finishes) to meet its full performance.

The product is non-reactive to residual indentation with a value $\leq 0,02$ mm (EN 433). The flooring complies with the EN 649 (34-43) offering a group P wear rating suitable for heavy duty traffic areas and **Bfl-s1** fire resistance.

The product is non-emissive of volatile organic compounds with $< 10 \mu\text{g}/\text{m}^3$ (TVOC after 28 days ISO 16000-6).

MIPOLAM TECHNIC EL5

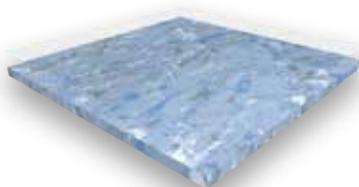
	$10^4 \leq Rt \leq 10^6 \Omega$		 100 % recyclable
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MIPOLAM TECHNIC EL5 is a conductive flexible homogeneous compacted vinyl floorcovering available in tiles. The conductive carbon coated PVC pellets create a perfect conductive network for permanent conductive properties and antistatic properties (< 20 V) throughout its full life expectancy. It acts as a continuous conductive $10^4 \leq Rt \leq 10^6$ (EN 1081) and complies with EN 649.

MIPOLAM ACCORD EL7

		$10^6 \leq Rt \leq 10^8 \Omega$	Evercare™	 100 % recyclable
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MIPOLAM ACCORD EL7 is a dissipative flexible homogeneous vinyl floorcovering available in both sheet and tile. Calendered and compacted. 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 ACCORD EL7 acts as a continuous dissipater $10^6 \leq Rt \leq 10^8$. It has permanent antistatic properties (< 100 V). The product is non-reactive to residual indentation with a value $\leq 0,02$ mm (EN 433). The flooring complies with the EN 649 (34-43) offering a group P wear rating suitable for heavy duty traffic areas and **Bfl-s1** fire resistance.

The product is non-emissive of volatile organic compounds with $< 10 \mu\text{g}/\text{m}^3$ (TVOC after 28 days ISO 16000-6).

MIPOLAM ROBUST EL7

		$10^6 \leq Rt \leq 10^8 \Omega$	 100 % recyclable
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Mipolam ROBUST EL7 is a dissipative flexible homogeneous vinyl floorcovering available in both sheet and tile. Calendered and compacted. It has permanent antistatic properties (< 100 V). It acts as a continuous dissipater $10^6 < Rt < 10^8$ (EN 1081) and complies with EN 649.

 Compact sheet without foam backing -  Compact tile without foam backing

TECHNICAL DATA

MIPOLAM ELEGANCE EL5	MIPOLAM TECHNIC EL5	MIPOLAM ACCORD EL7	MIPOLAM ROBUST EL7
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DESCRIPTION

Total thickness	EN 428	mm	2.00	2.00	2.00	2.00
Weight	EN 430	g/sq.m	3060	3440	3100	3300
Width/length of sheet	EN 426	cm / lm	200 / 20	-	200 / 20	200 / 20
Tile size	EN 427	mm	-	608 x 608	608 x 608	608 x 608
Number of tiles per package	-	-	-	20	20	20

CLASSIFICATION

Standard / product specification	-	-	EN 649	EN 649	EN 649	EN 649
European classification	EN 685	class	34-43	34-43	34-43	34-43
Fire rating	EN 13501-1	class	Bfl - s1	Bfl - s1	Bfl - s1	Bfl - s1
Electrical resistance	EN 1081 ⁽¹⁾	Ohm	$5 \times 10^4 \leq R_t \leq 10^6$	$10^4 \leq R_t \leq 10^6$	$10^6 \leq R_t \leq 10^8$	$10^6 \leq R_t \leq 10^8$
	IEC 61340-5-1	Ohm	$R_t \leq 10^6$	-	$10^6 \leq R_t \leq 10^9$ ⁽²⁾	$10^6 \leq R_t \leq 10^9$
	ANSI / ESD-S7.1	Ohm	$2.5 \times 10^4 \leq R_t \leq 10^6$	-	$10^4 \leq R_t \leq 10^8$	$10^6 \leq R_t \leq 10^8$
Static electrical propensity	EN 1815	kV	< 2	< 2	< 2	< 2
	IEC 61340-4-5 ⁽³⁾	V	≤ 100	< 20	< 100	< 100
Slip resistance wet	DIN 51 130/BGR 181	class	R9	R9	R9	R9

PERFORMANCE

Wear resistance	EN 660.2	mm ³	≤ 4.0	≤ 4.0	≤ 4.0	≤ 7.5
Wear group	EN 649	-	P	P	P	M
Type binder content	ISO 10581	Type	I	II	II	II
Dimensional stability	EN 434	%	≤ 0.40	≈ 0.05	Sheet ≤ 0.40 Tile ≤ 0.25	Sheet ≤ 0.40 Tile ≤ 0.25
Residual indentation	EN 433	mm	≈ 0.02	≈ 0.03	≈ 0.02	≈ 0.03
Castor chair test (Type W)	EN 425	-	OK	OK	OK	OK
Thermal conductivity	EN 12 524	W/(m.K)	0.25	0.25	0.25	0.25
Colour fastness	EN 20 105 - B02	degree	≥ 6	≥ 6	≥ 6	≥ 6
Surface treatment	-	-	Evercare™	-	Evercare™	-
Chemical resistance	EN 423	-	OK	OK	OK	OK

ENVIRONMENT / INDOOR AIR QUALITY

TVOC after 28 days	ISO 16000-6	µg/m ³	< 10	< 10	< 10	< 10
Certification			Floorscore™	-	Floorscore™	-

CE MARKING

CE	EN 14041	-	   
		-	 

(1) Measured glued as defined by Gerflor installation guidelines. (2) Not compliant with IEC 61340-5-1 laid 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.

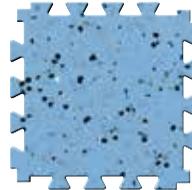
Further installation and maintenance instructions are available on www.gerflor.com

GTI EL5 BENEFITS



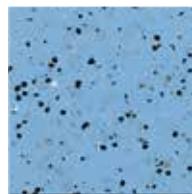
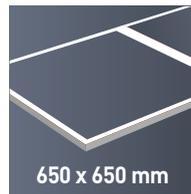
All the benefits of a GTI Tile with Evercare™ treated smooth surface and electro-conductive properties.

■ INTERLOCKING SYSTEM GTI EL5 CONNECT



OR

■ WELDED SQUARE FORMAT GTI EL5 CONTROL



Renovation solution

■ Easy repairs with no special tools / Easy replacement





Direct installation

- On existing floor (concrete, ceramic, epoxy resin, pvc, ...)
or problem subfloors (asbestos subfloor, damp subfloor, ...)

Fast & Easy Installation

- Up to 20 sqm / 215 sq. ft. per hour

No shut down required

- No lost revenues + Time saving

High Traffic Resistance

- Withstands heavy loads

Durability

- Will not crack / will not blister / will not break

Watertight System

- Hot welding with GTI EL5 Control

Electro-conductive properties

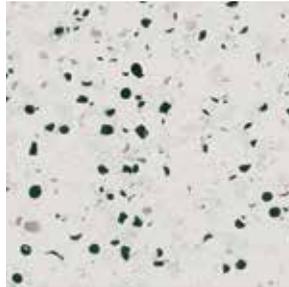
- $5 \times 10^4 \leq Rt \leq 10^6$ (EN1081)
conductive properties throughout its full life expectancy
- Low static electrical propensity:
< 2000 V (EN1815), <100 V (IEC 61340-4-5)



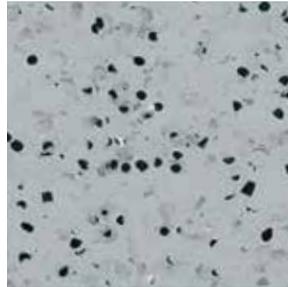
GTI EL5

CONDUCTIVE TILES

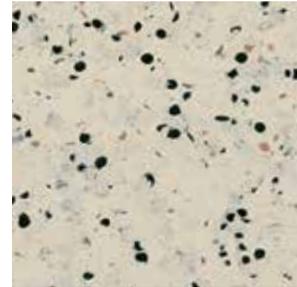
▶ GTI EL5 CONTROL



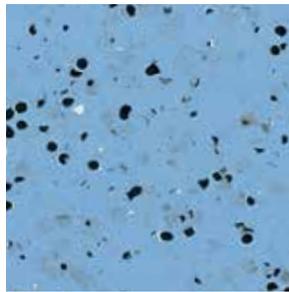
0350 Light Grey



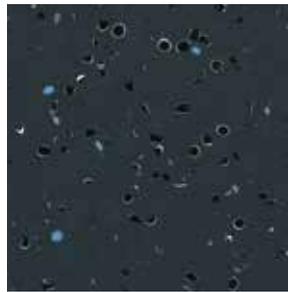
0352 Grey



0353 Beige

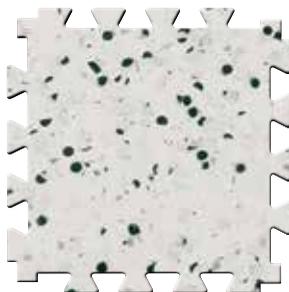


0354 Blue

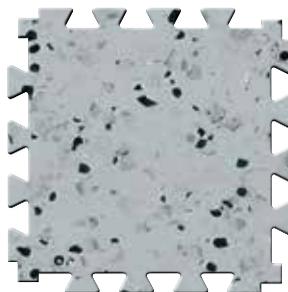


0351 Black

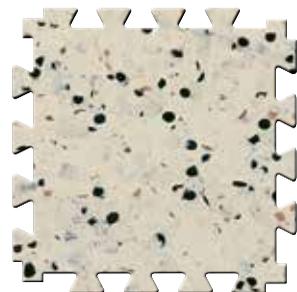
▶ GTI EL5 CONNECT



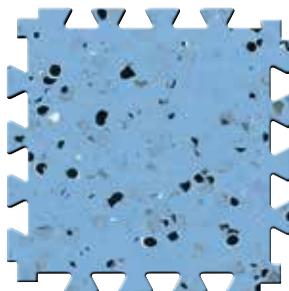
0350 Light Grey



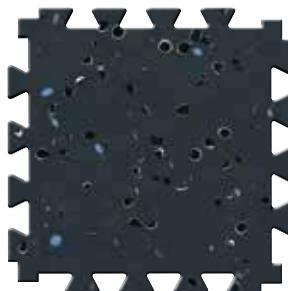
0352 Grey



0353 Beige



0354 Blue



0351 Black

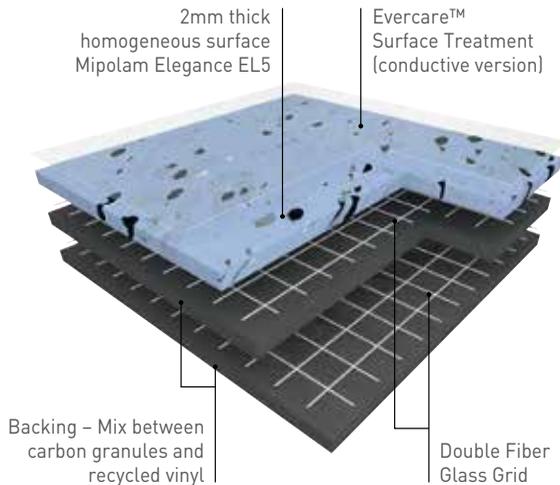


PRODUCT DESCRIPTION

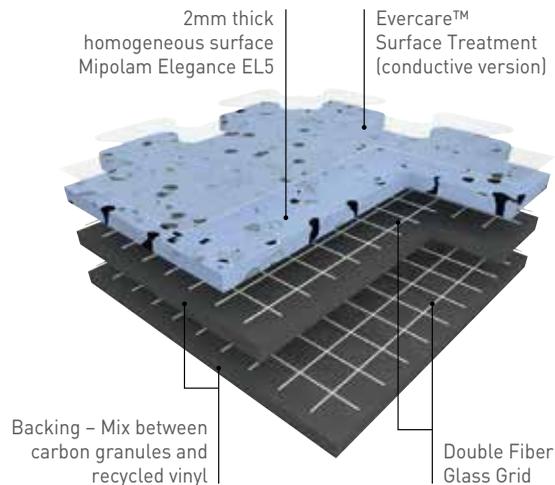
GTI EL5

 CONTROL 650 x 650 mm	 CONNECT 635 x 635 mm	Removable	R9	Evercare™	 100 % recyclable
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CONTROL



CONNECT



GTI EL5 is a multi-layered looselay vinyl tile, 6 mm thick, reinforced with 2 glass fibre grids

GTI EL5 tiles can be installed using interlocking system with dovetails (GTI EL5 CONNECT).

They are also available in **square format with welded joints** for clean environments and watertight systems requirements (GTI EL5 CONTROL).

GTI EL5 wearlayer is 2 mm homogeneous vinyl manufactured in a continuous high pressure process.

It complies with EN 649 and offers an outstanding resistance to traffic, abrasion group P.

This floorcovering is treated with **Evercare™** technology: the latest improvements in polyurethane surface treatment obtained by UV laser cross-linking. Evercare™ offers **easy maintenance and resistance against stain** of chemical products used in healthcare like betadine, eosin or anti-bacterial hand gel **and decontamination protocols**.

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

The carbon encapsulated granules throughout its full thickness and the **conductive backing** and **conductive surface treatment** ensure optimal and consistent conductive properties throughout its full life expectancy.

- $5 \times 10^4 \leq Rt \leq 10^6$ according to EN 1081
- $Rt \leq 10^8$ according to IEC 61340-4-1

It has permanent antistatic properties.

- < 2000V according to EN 1815
- < 100V according to IEC 61340-4-5

The product is non-emissive of volatile organic compounds with <math> < 10 \mu\text{g}/\text{m}^3 </math> (TVOC after 28 days ISO 16000-6).

Finishes: GTI EL5 ACCESS (access ramp), GTI EL5 CORNER (corner finishes), GTI EL5 CONTROL COVING (COVING CORNER IN and COVING CORNER OUT) and conductive welding rods (GTI EL5 CONTROL WELDING RODS).

TECHNICAL DATA

	GTI EL5 CONNECT		GTI EL5 CONTROL	
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DESCRIPTION

Total thickness	EN 428	mm	6.00	6.00
Wearlayer thickness	EN 429	mm	2	2
Weight	EN 430	g/m ²	9240	9240
Size	EN 427	mm	635 x 635	650 x 650

CLASSIFICATION

Norm / Product specification	-	-	EN 649	EN 649
European classification	EN 685	Class	34-43	34-43
Fire rating	EN 13 501-1	Class	B _{fl} -s1	B _{fl} -s1
Electrical resistance	EN 1081	Ω	5 x 10 ⁴ ≤ Rt ≤ 10 ⁶	5 x 10 ⁴ ≤ Rt ≤ 10 ⁶
	IEC 61340-4-1	Ω	≤ 10 ⁹	≤ 10 ⁹
	ANSI / ESD 7.1	Ω	2.5 x 10 ⁴ ≤ Rt ≤ 10 ⁶	2.5 x 10 ⁴ ≤ Rt ≤ 10 ⁶
Static electrical propensity	EN 1815	kV	< 2	< 2
	IEC 61340-4-5 ⁽¹⁾	V	≤ 100	≤ 100
Protection against electrostatic discharges	ESD S20.20	-	OK	OK
	IEC 61340-5-1	-	OK	OK
Slip resistance wet: ramp test with oil	DIN 51 130	Class	R9	R9

PERFORMANCES

Wear resistance	EN 660.2	mm ³	≤ 4	≤ 4
Wear group	EN 649	group	P	P
Type Binder content	ISO 10582	type	I	I
Dimensional stability	EN 434	%	≤ 0.25	≤ 0.25
Shore hardness	EN ISO 868	Hd	≥ 90	≥ 90
Castor chair test (type W)	EN 425	-	OK	OK
Thermal conductivity	EN 12 524	W/(m.K)	0.25	0.25
Colour fastness	EN 20 105 - B02	degree	≥ 6	≥ 6
Surface treatment	-	-	Evercare™	Evercare™
Chemical product resistance	EN 423	class	OK	OK

ENVIRONMENT / INDOOR AIR QUALITY

TVOC after 28 days	ISO 16000-6	µg / m ³	<10	<10
Certification	-	-	Floorscore™	Floorscore™

CE MARKING

CE	EN 14041	  
		

(1) Measured with ESD shoes (type ABEBA and UVEX).

INSTALLATION

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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.

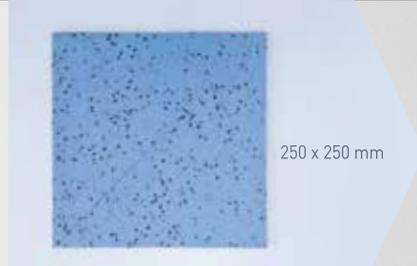
Further installation and maintenance instructions are available on www.gerflor.com

GTI EL5 FINISHES



Product code: 2721*

GTI EL5 CONTROL - **COVING CORNER OUT**

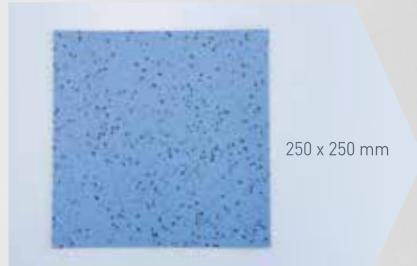


250 x 250 mm



Product code: 2720*

GTI EL5 CONTROL - **COVING CORNER IN**



250 x 250 mm



Product code: 2719*

GTI EL5 CONTROL - **COVING**



650 x 214 mm



Product code: 2722

GTI EL5 CONTROL - **WELDING CONDUCTIVE ROD**



Diameter: 4.1 mm / ≈100 lm per roll

WARNING: GTI EL5 welding rods surface is black. The colour will be revealed when the installer cuts and trims the welding rods.

* All these finishes are available with following colour references:



0350 Light Grey



0352 Grey



0351 Black



0353 Beige



0354 Blue



ESD COPPER STRIP



Product code: 0586 0001

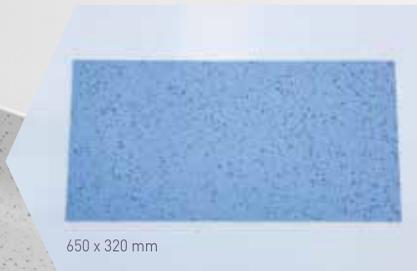


635 x 320 mm



GTI EL5 CONNECT - ACCESS

Product code: 2717*

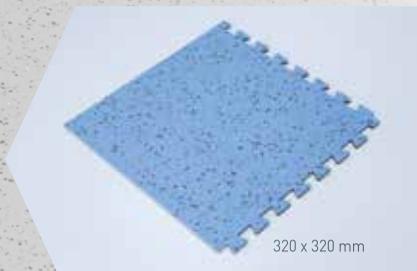


650 x 320 mm



GTI EL5 CONTROL - ACCESS

Product code: 2715*



320 x 320 mm



GTI EL5 CONNECT - CORNER

Product code: 2718*



320 x 320 mm



GTI EL5 CONTROL - CORNER

Product code: 2716*

ESD FINISHES

CLEAN CORNER SYSTEM



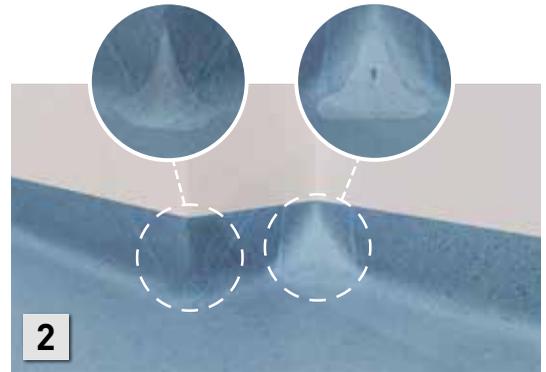
AN INNOVATIVE CORNER SYSTEM

Contamination control in technical platforms and clean rooms is an ongoing issue.



Corners, in particular, are the focal point of most negligence in respect of hygiene rules:

- With ultra-resistant and versatile profiles (picture 1)
- **Clean Corner System** can be used for all your projects with a perfect result (picture 2).



WATERTIGHT

- Compliant with GMP
- Suitable for E2 and E3 zones
- Easy coving
- Limited and easy welding



RESISTANT & DURABLE

- Ultra-resistant bi-material corner profiles



CLEAN & HYGIENE

- Quick and easy cleaning and decontamination
- Easy manoeuvring of twist upright vacuum cleaner
- No blind spot



VERSATILE

- Suitable for all Gerflor floors
- Suitable for all skirting heights (7 to 15 cm)
- Suitable for all cove formers (20 x 20 mm to 38 x 38 mm)
- Suitable for all angles (85° to 95°) with or without coving sections



ATTRACTIVE

- Neat and uniform design for all your corners

Patent pending



Profile for external corners

Product code: 058R



Profile for internal corners

Product code: 058S



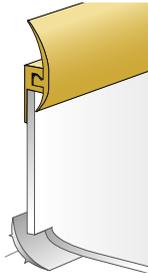
Installation templates kit

Product code: 058T

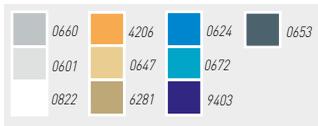
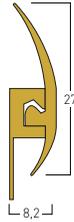
ESD FINISHES

CAPPING STRIP CLIP SYSTEM

Product code: 0486



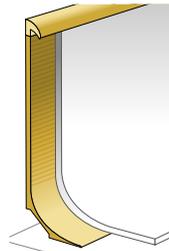
Rigid clipped finishing profile with 2 flexible lips
Capping strip that covers the skirting



Packaging:
20 x 3 lm strips.

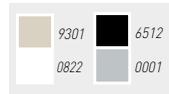
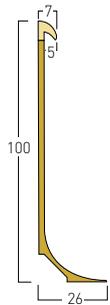
FLEXIBLE FULL COVE FORMER

Product code: 0488



PVC profile combining the cover former and the capping strip into a single product.

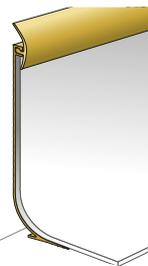
Adapted to the hospital sector and any room requiring a waterproof skirting.



Packaging:
15 x 3 lm strips.

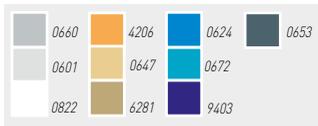
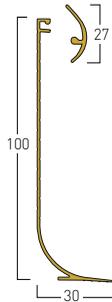
FULL COVE FORMER CLIP-SYSTEM

Product code: 0487



PVC profile combining the cover former and the capping strip into a single product.

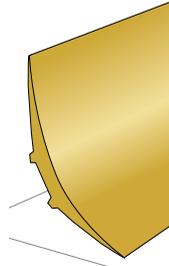
Adapted to the hospital sector and any room requiring a waterproof skirting.



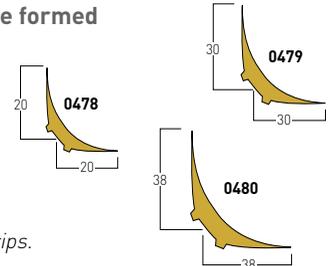
Packaging:
20 x 3 lm strips.

PVC COVE FORMER

Product code: 0478 - 0479 - 0480



This accessory allows the floor-wall cove to be formed



Packaging:
20 x 3 lm strips.

WELD RODS

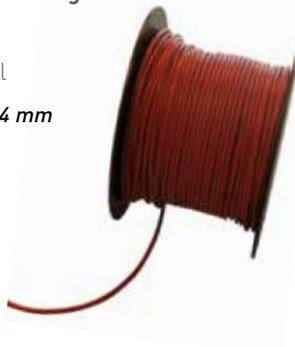
Product code: 0580

Welding rod and flooring matching tool

<http://www.gerflor.com/servicesprofessionals/welding-rods-matching.html>



Ø 4 mm



ESD COPPER STRIP

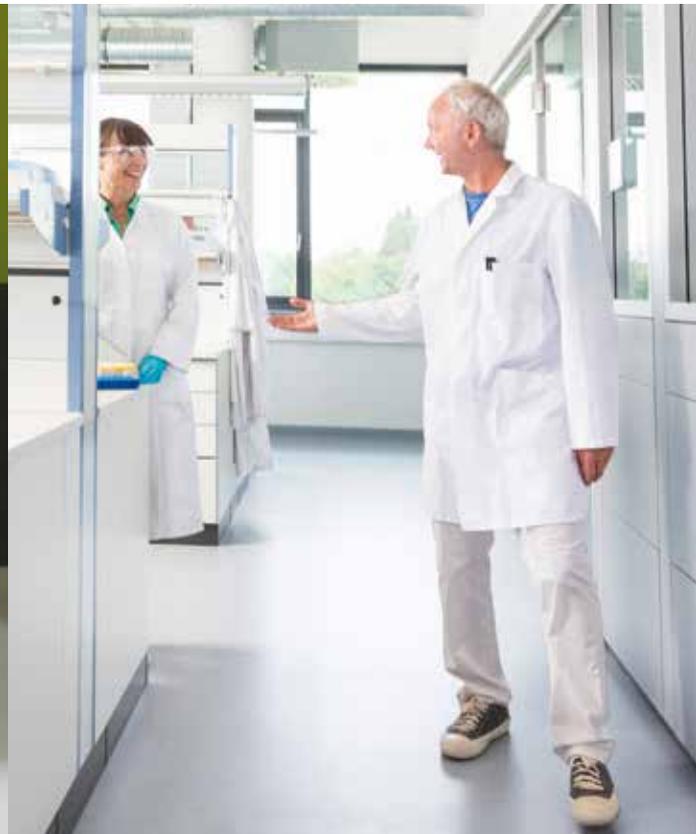
Product code: 0586 0001



EVERCARE™ TREATED SMOOTH SURFACE



- ▶ Easy maintenance
- ▶ No wax for life
- ▶ Stain barrier
- ▶ Chemical resistance



ECO-RESPONSIBLE SOLUTIONS



- Selected and responsible raw materials and fully REACH compliant
- Low VOC emissions below detection level (TVOC <math>< 10 \mu\text{g}/\text{m}^3</math> after 28 days)
- Floorscore certified products



REACH



- 100% recyclable materials
- On average, Gerflor floors are made of 25% recycled content and 50% for GTI EL5 (25% Mipolam EL)



- Extremely low usage of chemical products and water for maintenance
- Contribution to Green Building Certifications (BREEAM, LEED, HQE, Green Star,...)



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DECORATION
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