

# TARASAFE

## SAFETY FLOORING

gerflor.com

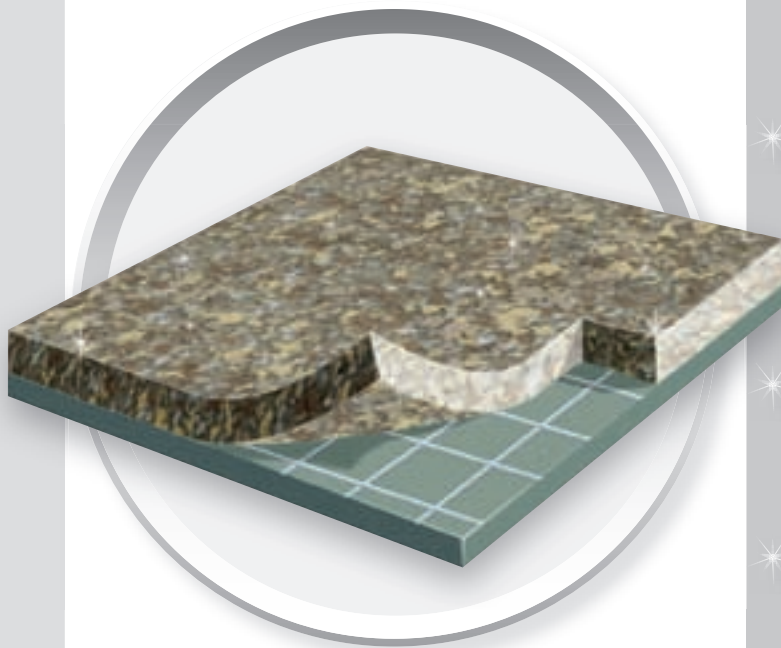


**Gerflor**<sup>®</sup>  
theflooringgroup

# NEW TARASAFE

## The Crystal Clear Advantage

Tarasafe now has a brand new composition with inlaid Mineral Crystal particles. This replaces the Carborundum particle that makes traditional safety floors inherently darker in appearance and more difficult to recycle.



### **BRIGHTER COLOUR & APPEARANCE**

- ▶ Bright and sharp in both colour and contrast
- ▶ Clean appearance throughout the life of the product

### **GREAT TO INSTALL**

- ▶ Lighter to handle and more flexible to negotiate corners and angles
- ▶ Easy to cut: 5 times more blade life

### **ANTI-SLIP PERFORMANCE**

- ▶ R10 (Tarasafe Super: R12)

### **HIGH RESISTANCE TO HEAVY TRAFFIC**

- ▶ Abrasion Group T

### **IMPROVED RECYCLABILITY**

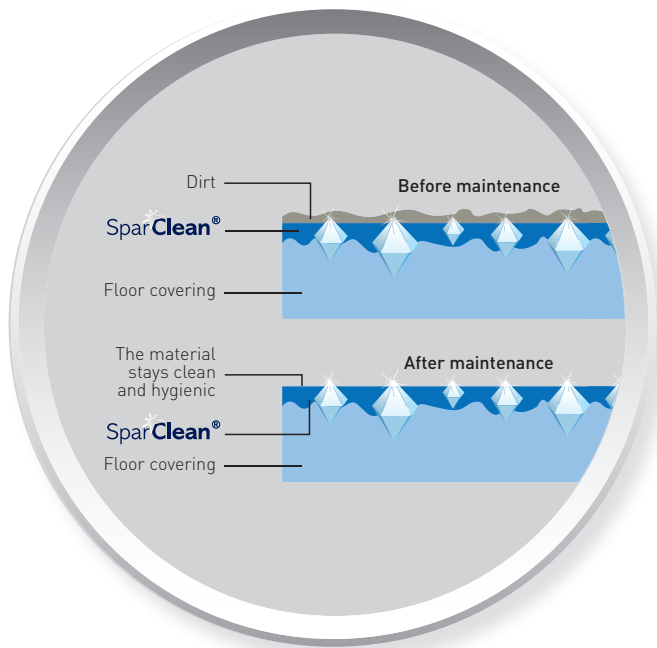
- ▶ 100 % recyclable
- ▶ Contains recycled materials



# SparClean® Surface Treatment

10 years of continuous improvement  
& customer satisfaction

Gerflor's unique and patented SparClean treatment is underpinned by over 10 years experience and is hard at work today for our customers in some of the most demanding environments worldwide



SparClean® Treated

## IMPROVED STAIN RESISTANCE

- ▶ Higher resistance to staining (betadine)
- ▶ The easiest safety flooring to maintain in today's market

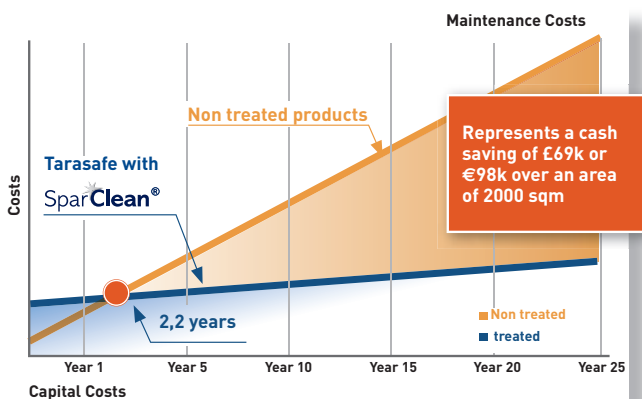
## ENHANCED HYGIENE

- ▶ Unrivalled thickness compares to other treatment : generous application of SparClean® (> 0.35 µ/m<sup>2</sup>)
- ▶ No space for micro porosity or dirt

## PROVEN DURABILITY

- ▶ The most durable treatment on the market

## Forecasted Payback Periods



## WORKING FOR YOUR ENVIRONMENT

- ▶ Reduction of water and detergent usage when compared with non treated material
- ▶ Payback guaranteed after 2.2 years \*

\* providing maintenance instructions duly followed

Payback periods calculated relative to non-treated product  
Source: Patrick Michael Associates whole life cycle cost consultant.

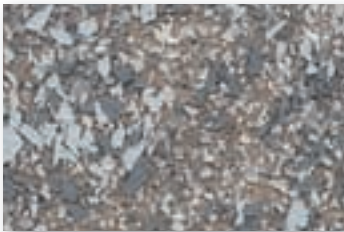
# SAFETY FLOORING



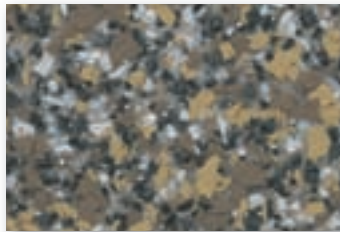
## ▶ TARASAFE GEO



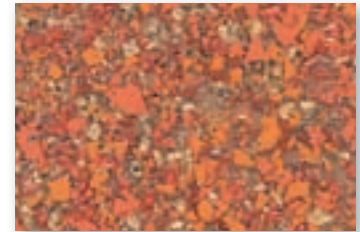
8236 Starburst WR: 2425



4784 Artic WR: 0151



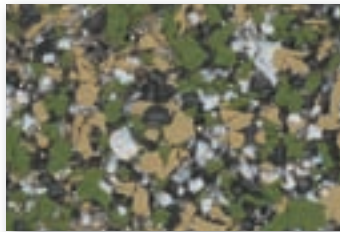
4317 Delta WR: 2232



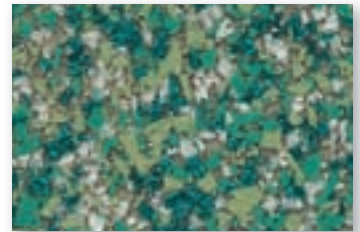
4108 Sunset WR: 0154



4316 Salt Lake WR: 0193



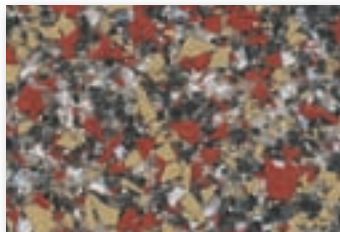
8599 Camouflage WR: 0901



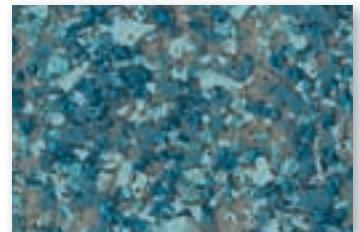
4503 Rainforest WR: 2167



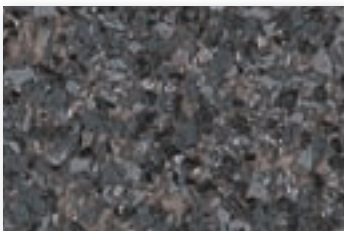
4320 Tundra WR: 0252



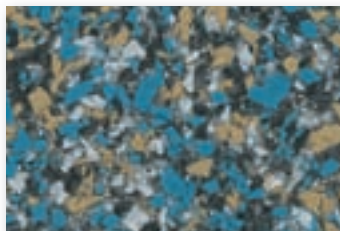
4106 Lava WR: 2264



4459 Oceanic WR: 2410



4788 Alpine WR: 0458



4445 Meteor WR: 2249

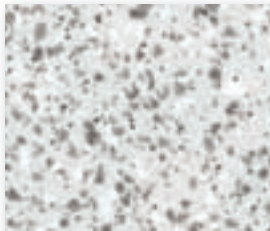


4447 Glacier Blue WR: 0141

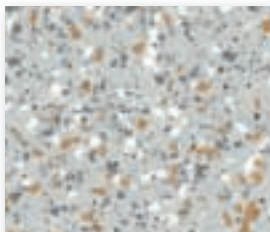




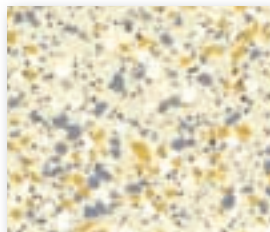
## TARASAFE ULTRA & TARASAFE ULTRA COMFORT



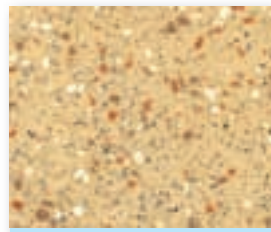
8701 Opal WR: 2415



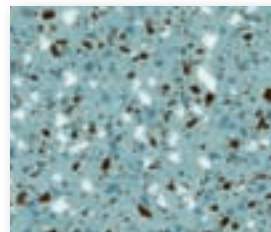
8704 Pebble WR: 0173



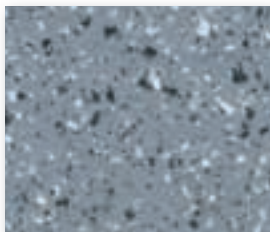
7383 Diopside WR: 2416



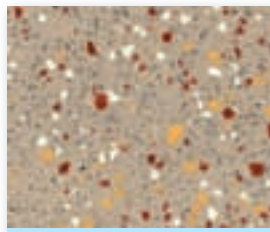
4323 Sandstone WR: 0110



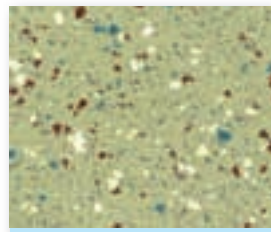
4463 Aqua WR: 2417



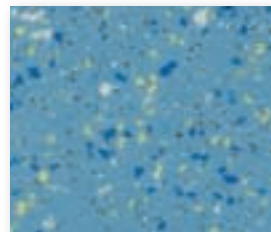
8709 Granite WR: 2420



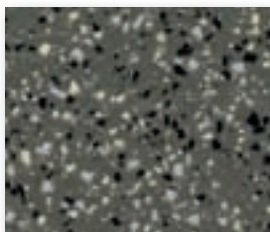
7384 Citrine WR: 0242



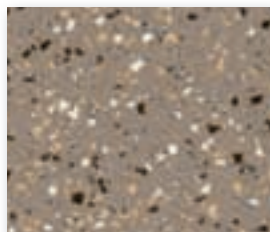
4505 Peridot WR: 2435



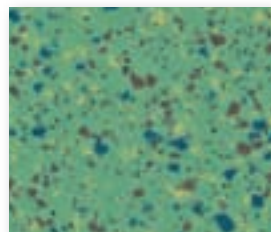
4465 Cobalt WR: 0190



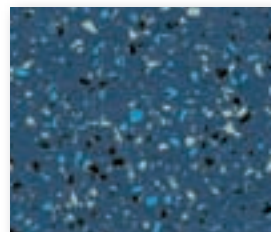
8710 Basalt WR: 2421



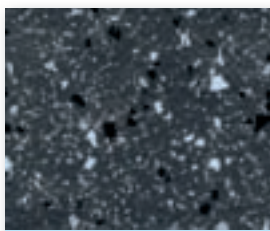
8013 Jasper WR: 2419



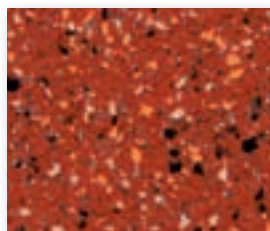
4508 Jade WR: 2418



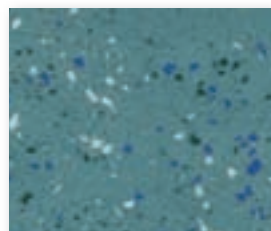
4472 Moonstone WR: 2319



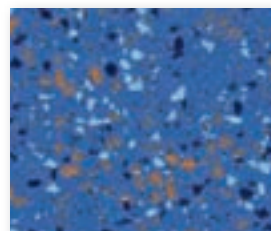
8717 Obsidian WR: 2436



4128 Ruby WR: 2300




4460 Topaz WR: 2434




4470 Sapphire WR: 2165



**SAMPLING SERVICE:** Call Gerflor to request your samples!

 Compact sheet without foam backing

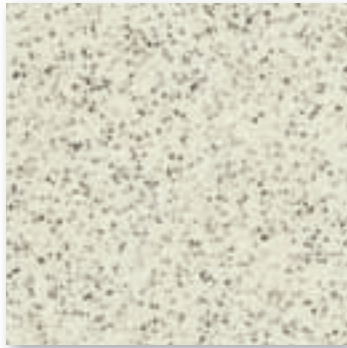
 Comfort sheet with foam backing

WR: Welding Rods - Reference number: 0585 + (WR) code

# SAFETY FLOORING



## ▶ TARASAFE UNI



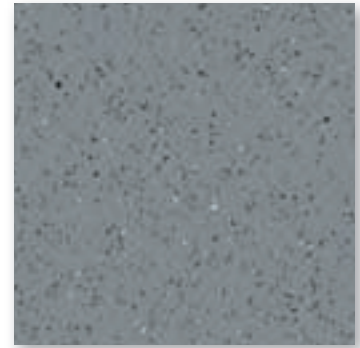
7618 Edelweiss

WR: 0001



7767 Dove Grey

WR: 0336



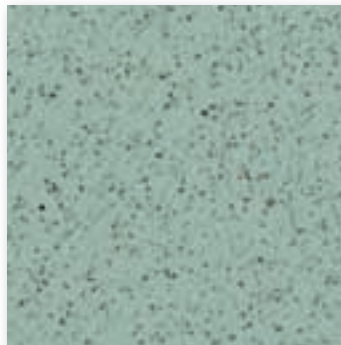
7773 Storm

WR: 2412



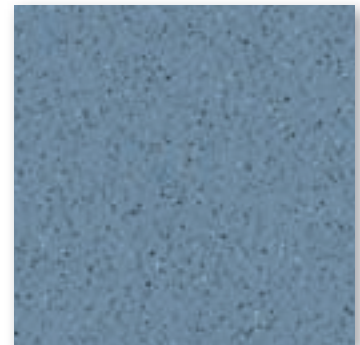
7386 Savana

WR: 0386



7504 Pastel Green

WR: 0579



7438 Baleine

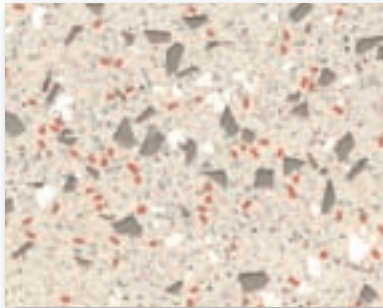
WR: 0638



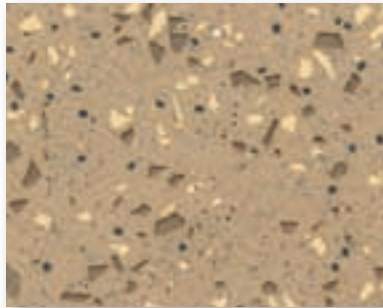




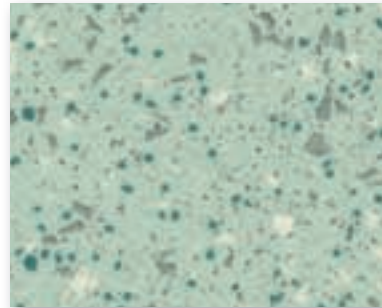
**TARASAFE STYLE**



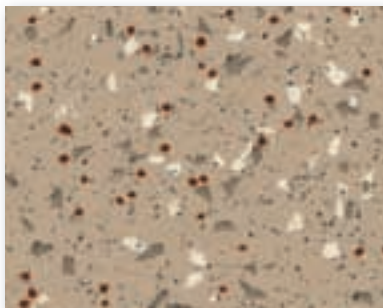
4319 Almond WR: 0301



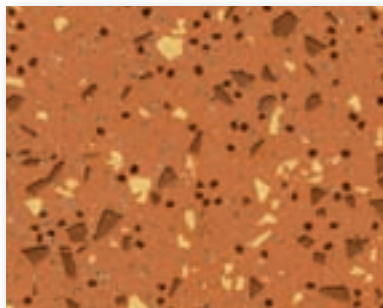
4322 Hazelnut WR: 2422



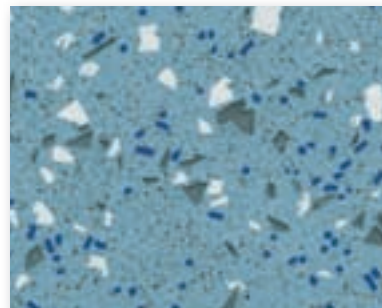
4504 Spearmint WR: 2414



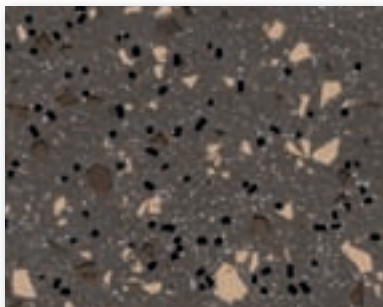
4321 Oatmeal WR: 2413



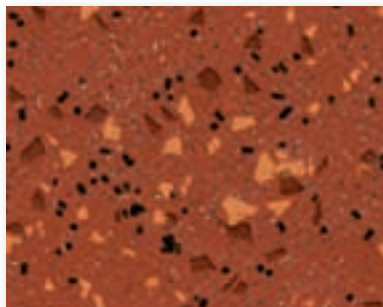
8101 Burnt Orange WR: 2424



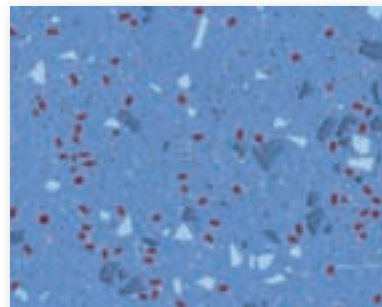
4448 Fresh Water WR: 2431



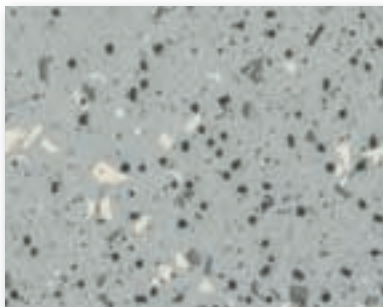
8032 Licorice WR: 2423



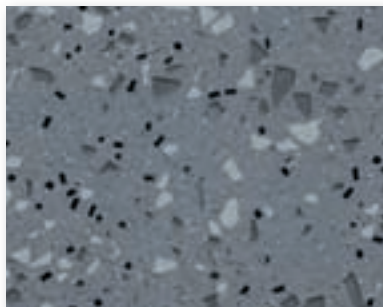
8102 Paprika WR: 2433



4449 Blueberry WR: 2432




4785 Oyster WR: 2308



4799 Caviar WR: 0919



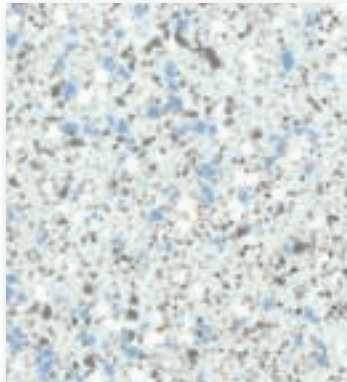
**SAMPLING SERVICE:** Call Gerflor to request your samples!

 Compact sheet without foam backing  
WR: Welding Rods - Reference number: 0585 + (WR) code

# SAFETY FLOORING

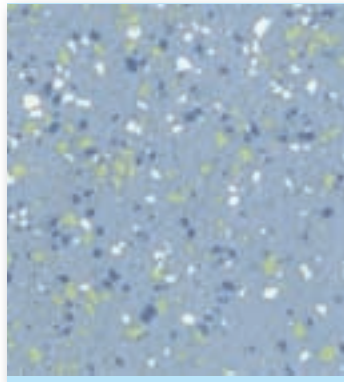


## ▶ TARASAFE ELEMENTS



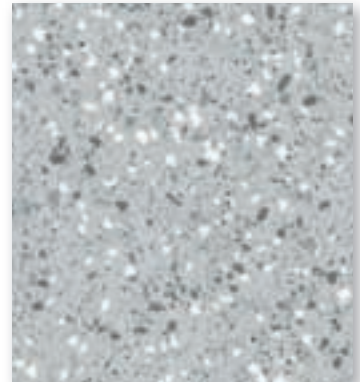
7724 Calcium

WR: 0694



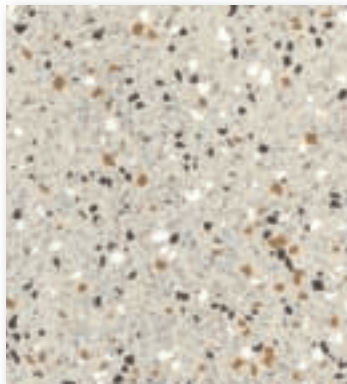
7407 Oxygen Blue

WR: 2138



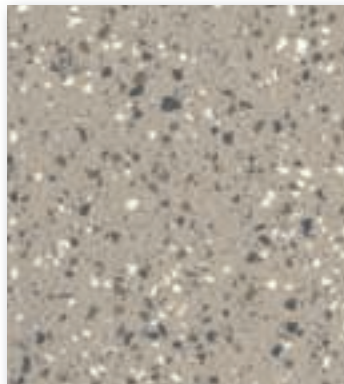
7725 Zinc

WR: 0069



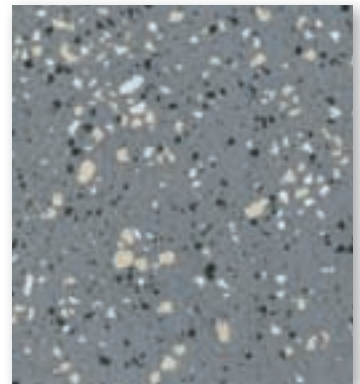
7307 Copper

WR: 0001



7308 Earth

WR: 2426



7726 Magnesium

WR: 0075







**TARASAFE STANDARD**



7731 Marbre WR: 0304



7618 Edelweiss WR: 0001



7767 Dove Grey WR: 0336



7386 Savana WR: 0620



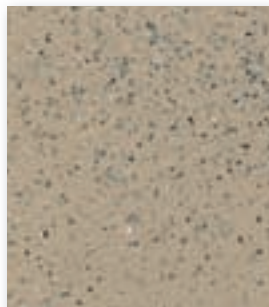
7504 Pastel Green WR: 0579



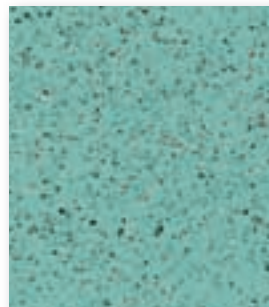
7438 Baleine WR: 0638



7773 Storm WR: 0033



7306 Buttermilk WR: 2352



7506 Peppermint WR: 2428



7709 Royal Blue WR: 0636



7801 Noir WR: 2427



7302 Sahara WR: 2411




7704 Sky Blue WR: 2429



7103 Mulberry WR: 2430



**SAMPLING SERVICE:** Call Gerflor to request your samples!

 Compact sheet without foam backing  
WR: Welding Rods - Reference number: 0585 + (WR) code

# SAFETY FLOORING



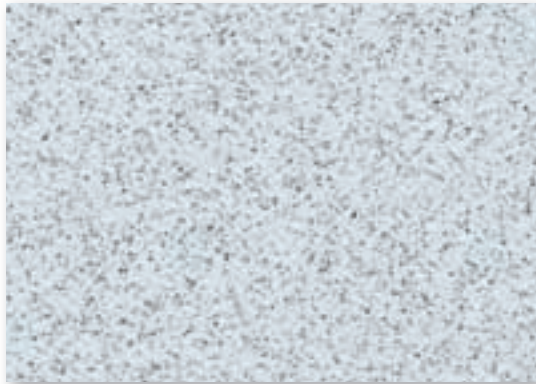
## ▶ TARASAFE SUPER & TARASAFE PLUS

### TARASAFE SUPER

Enhanced slip resistance properties R12

### TARASAFE PLUS

Textile backing: reduced telegraphing from sub-floor and better adherence in wet areas



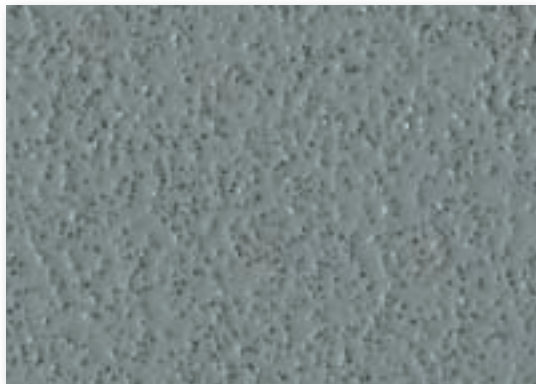
7731 Marbre

WR: 0304



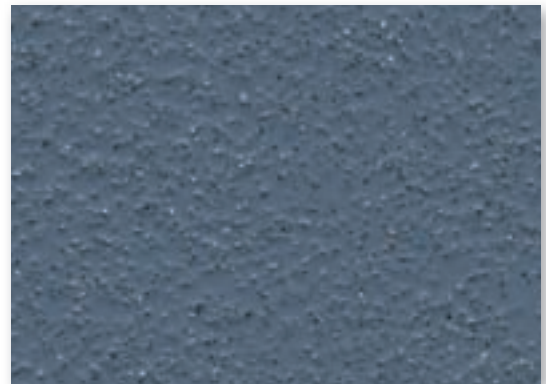
7386 Savana

WR: 0620



7767 Dove Grey

WR: 0336



7438 Baleine

WR: 0638



7302 Sahara

WR: 2411










# TARASAFE PRODUCT DESCRIPTION

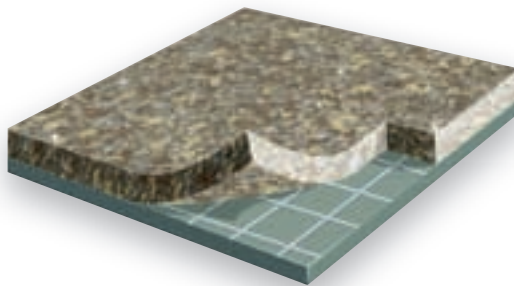
## TARASAFE ULTRA, STYLE, UNI & GEO



 2 m	R10		SparClean®	Meets HSE guidelines
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### ULTRA COMFORT

 2 m	16dB
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**TARASAFE ULTRA, ULTRA COMFORT, STYLE, UNI & GEO** are slip resistant vinyl floor-coverings, with a pure PVC wear layer and deeply inlaid mineral crystal particles (patent pending) and coloured chips for a decorative design. It is re-inforced with a glass fibre grid in a sheet form. It is treated with Sanosol® antibacterial and fungicidal additives and with SparClean® surface treatment, a low maintenance cost effective solution providing extreme resistance from soiling and staining. It is an ideal solution for heavy traffic applications where enhanced slip resistance, durability, hygiene and easy maintenance is required. Tarasafe is suitable for most commercial and industrial areas, with a 12 year warranty. 100% recyclable, when product is at the end of its' life.

**TARASAFE ULTRA COMFORT** has a VHD closed cell foam backing: sound insulation: **16dB**.

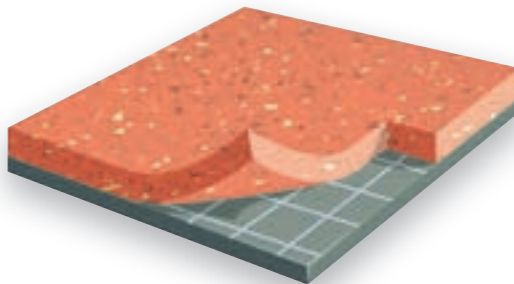
## TARASAFE STANDARD, ELEMENTS, SUPER, PLUS



 2 m	R10		Meets HSE guidelines
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### SUPER

 2 m	R12
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**TARASAFE STANDARD, ELEMENTS, SUPER & PLUS** are slip resistant vinyl floor-coverings, with a pure PVC wear layer and deeply inlaid mineral crystal particles (patent pending). It is re-inforced with a glass fibre grid in a sheet form. It is treated with Sanosol® antibacterial and fungicidal additives. It is an ideal solution for heavy traffic applications where enhanced slip resistance, durability, hygiene and easy maintenance is required. Tarasafe is suitable for most commercial and industrial areas, with a 12 year warranty. 100% recyclable, when product is at the end of its' life.

# TECHNICAL DATA



Tarasafe					Tarasafe		Tarasafe	
Uni	Geo	Style	Ultra	Ultra Comfort	Elements	Standard	Super	Plus

## DESCRIPTION

Total Thickness	EN 428	mm	2			3,2	2		2.20	2.50	
Thickness of Wearlayer	EN 429	mm	0.91	1.15	1.21	1,16	1,16	1.13	0.74	1.12	1.14
Weight	EN 430	g/m <sup>2</sup>	2600	2500	2620	2610	3080	2590	2210	2880	3090
Width/Length of Sheet	EN 426	cm/ml	200 / 20				200 / 20		200/20		

## CLASSIFICATION

Norm/Product Specification	EN 649 EN 651 <sup>(1)</sup>	-	EN 649		EN 651	EN 649		EN 649	
European classification	EN 685	class	34 - 43			34 - 43		34-43	
K Rating	-	class	K5			K5		K5	
Fire Rating	EN 13501-1	class	B <sub>fl</sub> -s1		C <sub>fl</sub> -s1	B <sub>fl</sub> -s1		B <sub>fl</sub> -s1	
Static electrical propensity	EN 1815	kV	< 2			< 2		<2	
Slip dry resistance: pendulum tester	BS7976	PTV/SRV <sup>(2)</sup>	≥ 36			≥ 36		≥36	
Surface Roughness R <sub>tm</sub>	-	µm	Rz ≥ 20			Rz ≥ 20		Rz≥20	
Slip dry resistance wet - ramp test with oil	Din 51130	class	R10			R10		R12 R10	
Slip Resistance - ramp test	EN 13845 (Annexe C)	Class	ESf <sup>(3)</sup>			ESf <sup>(2)</sup>		ESb <sup>(4)</sup> ESf <sup>(3)</sup>	

## PERFORMANCES

Wear Resistance	EN 660.2	mm <sup>3</sup>	≤ 2.0			≤ 2.0		≤2.0	
Wear Group	EN 651	-	T			T		T	
Dimensional stability	EN 434	%	≤ 0.40			≤ 0.40		≤0.40	
Residual indentation: exigency	EN 433	mm	≤ 0.10		≤ 0.20	≤ 0.10		≤0.10	
Impact Sound Insulation	EN ISO 717-2	dB	-		16	-		-	
Thermal Conductivity	EN 12 524	W/(m.K)	0.25			0.25		0.25	
Colour Fastness	EN 20 105-B02	degree	≥ 6			≥ 6		≥6	
Chemical Products Resistance	EN 423	-	Good			Good		Good	
Bacteriostatic and fungistatic treatment	-	-	Sanosol®			Sanosol®		Sanosol®	
Surface Treatment	-	-	SparClean®			-		-	

## CE MARKING

CE	EN 14 041	-			

(1) Ultra comfort only

(2) The RRL pendulum test : wet is expressed as a Pendulum Test Value (PTV) and a Slip Resistance Value (SRV) to show that the test was carried out using a 4S rubber resistor pad in accordance HSE guidance

(3) The Esf (Enhanced Slip) designation shows that this product complies with the EN 13 845 (Annex C) Shod test

(4) The Esb (Enhanced Slip) designation shows that this product complies with the EN 13 845 (Annex C) Barefoot test

\* For more details: [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)

## ADHESIVES

Please refer to Gerflor Installation Guide.

## INSTALLATION

Installation should be carried out in accordance with local standards. Sub-floor should be smooth, hard, clean, dry and free from contamination prior to laying. Where applicable the sub-floor must incorporate an effective Damp Proof Membrane. The material must be allowed to acclimatise for 24 hours before installation, in a room temperature of between 18-24°C where the product will be installed. All seams must be hot welded using a 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. A more intense cleaning regime should be carried out periodically with a machine using a red pad and a neutral cleaner. No seals, polishes or waxes should be applied to the floor-covering, as this will impair the slip resistance of the floor.



Rubber leaves indelible stains on vinyl flooring; do not use mats with rubber backing and replace tubular furniture feet with those made of PVC or polyamide.

For further instructions and guidance, please contact your local technical department.

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# COMMITTED TO SUSTAINABLE DEVELOPMENT

## Health & Safety

Vinyl is widely used in the automotive, food packaging and healthcare where medical disposables come into close and intimate contact with patients. Gerflor uses this same high grade raw material to produce its floorcoverings to standards that exceed all prescribed health and safety requirements.

- **Selection of raw materials : no heavy metals, no solvent based inks, no phtalates and components rated as carcinogenic, no formaldehydes, no PCP.**
- No substance potentially subject to any REACH (Registration, Evaluation and Authorisation of Chemical) restrictions.
- **Low VOC emissions :** on average more than 70 % lower than European standards.
- **Fire resistance :** vinyl does not help fire spread and does not release toxic gases like choride (Cl<sub>2</sub>) and far less carbon monoxide (CO) than any other type of flooring.



Health & Safety



Recycling

## Recycling

Vinyl is one of the only building materials that is **100% recyclable**. Unlike other plastics, it can be endlessly recycled into new products and materials adding value throughout its long life.

As a specialist vinyl flooring manufacturer, Gerflor has developed recycling programs for :

- **Post industrial waste recycling:** almost 100% of our manufacturing waste is recycled.
- **Post installation waste recycling:** in Europe Gerflor has started to organize the collection of post installation waste from large projects. Our training center "Gerflor Technocentre" is the first training center to organize the complete recycling loop for all post installation waste.
- **Post consumer waste recycling:** Gerflor vinyl floorings are fully recyclable at the end of their life and qualify for credits under many internationally accredited Green Building Schemes. Gerflor was also one of the founding members of the first vinyl floor covering recycling workshop: AgPR. End of life floors get recycled to manufacture, "second life" products such as road cones.



Committed  
for future  
generation



Second life product:  
It used to be  
a vinyl floor...



Gerflor recognizes the importance of being proactive and creating new ways to achieve sustainable development. This is why Gerflor is devoting substantial resources to environmental research.

**Gerflor achievements can be summarized as follows:**

## ISO 14001



ISO 14001

**In Europe, less than 50% of manufacturers have achieved an ISO 14001 certification and Gerflor is one of them.** Gerflor industrial sites are certified ISO 14001 and are committed to continuously improving their environmental performance in terms of:

- Air protection
- Reduction of energy consumption: preservation of water, resources, installation of heat exchangers to recover the heat generated by the production lines to heat the buildings, ...
- Selection of raw materials: recyclable packaging, selection of local suppliers...



Gerflor Tarare  
manufacturing plant

## Life Cycle Analysis

Life Cycle Analysis is regarded as the ultimate means by which all environmental impacts are measured and improved upon during a product's life cycle including manufacture, delivery, installation, cost of ownership and maintenance, ultimate disposal/recycling of all products.

**All new Gerflor product ranges are developed using a full life cycle analysis model.**

- In Europe, Gerflor is actively involved with the ERFMI (European Resilient Flooring Manufacturer Institute) in preparing EU wide Life Cycle Assessment of a broad range of flooring types and specifications. From this study, a series of Environmental Product Declarations have been produced.
- In France, Gerflor has been involved with the SFEC to meet the HQE requirements.
- **In the UK, all Gerflor products which match the BRE generic flooring specifications have been given either A or A+ ratings, with A+ representing the lowest environmental impact possible.**



Life Cycle Analysis



FDES:  
Environmental  
Product  
Declaration  
in France

gerflor.com

ARCHITECTURE  
DECORATION  
SPORT  
TECHNOSPECIFIC

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Health  
& Safety



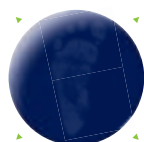
ISO 14001



Recycling



LCA  
Life Cycle  
Analysis



Committed to sustainable development

**Gerflor**<sup>®</sup>  
theflooringgroup