

BARNETT S3

CONDUCTIVE TYPE
NON-DIRECTIONAL HOMOGENEOUS
VINYL FLOORING SHEET

GLOBALFLOR

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Globalflor® is registered in UK, owned by Shanghai Bomei Industrial Corporation Ltd, which is a Taiwan investment in China and managed by European technicians. We specializing in the production of vinyl flooring materials include homogeneous flooring, heterogeneous flooring, ESD flooring, sports flooring and different type of vinyl tiles. They have been widely used in areas such as Transport, Education, Healthcare, Commercial Buildings, Offices, Residences, Sports and other areas.

Products of high quality and fashionable, widely used in a variety of architecture, not only has the broad masses of the domestic market, but also been distributed to over 30 countries.

Our advanced machineries were imported from German and Japan. At the same time, over 500 legal staffs insist on providing dedicated international standard support with assistance on logistics, dedicated packaging and quality control for global customers. Till now, our monthly capacity can achieve 6,000,000 square meters.

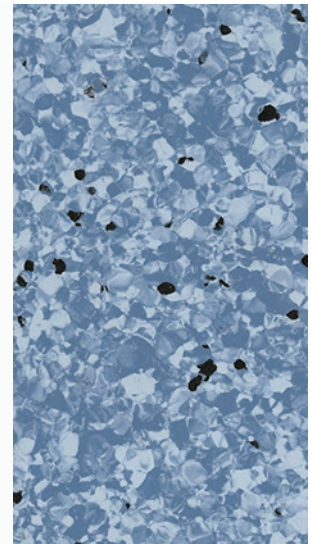


We are committed to sustainable development and customer health protection.

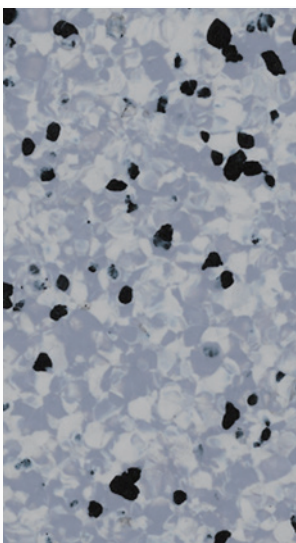
Proactive in seeking alternatives to phthalates as they have been the subject of scientific debate about their potential impact on human health, we have developed the use of a phthalate free plasticizer technology for our vinyl floors which is approved for medical class tools and toys intended to be placed in the mouth by children.

BARNETT® helps to control involuntary personnel movement caused by electrostatic discharge, prevent hazardous static discharge directly into patients and prevent fire to explosion where flammable anesthetics are used. It is suitable for use on access flooring, can easily be perforated without risk of rough edges or the tile cracking or breaking.

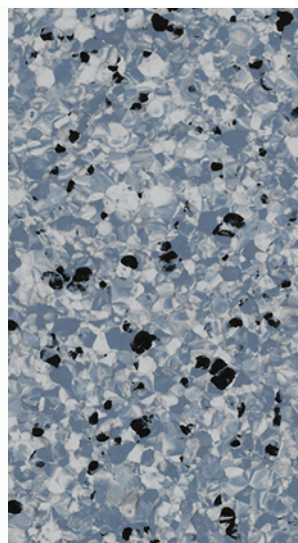
BARNETT® controls static discharges into computer terminals or other sensitive electronic equipment, thus preventing damage into internal circuitry, incorrect entries or retrieval, loss of computer memory or other malfunctions. It protects large data processing facilities, computerized typesetting and drafting equipment, process control equipment, communications installations, and other static sensitive equipment and instrument.



GFBS3 19 STOCK
01' Blue Eyes



GFBS3 15 STOCK
Blue Hydrangea

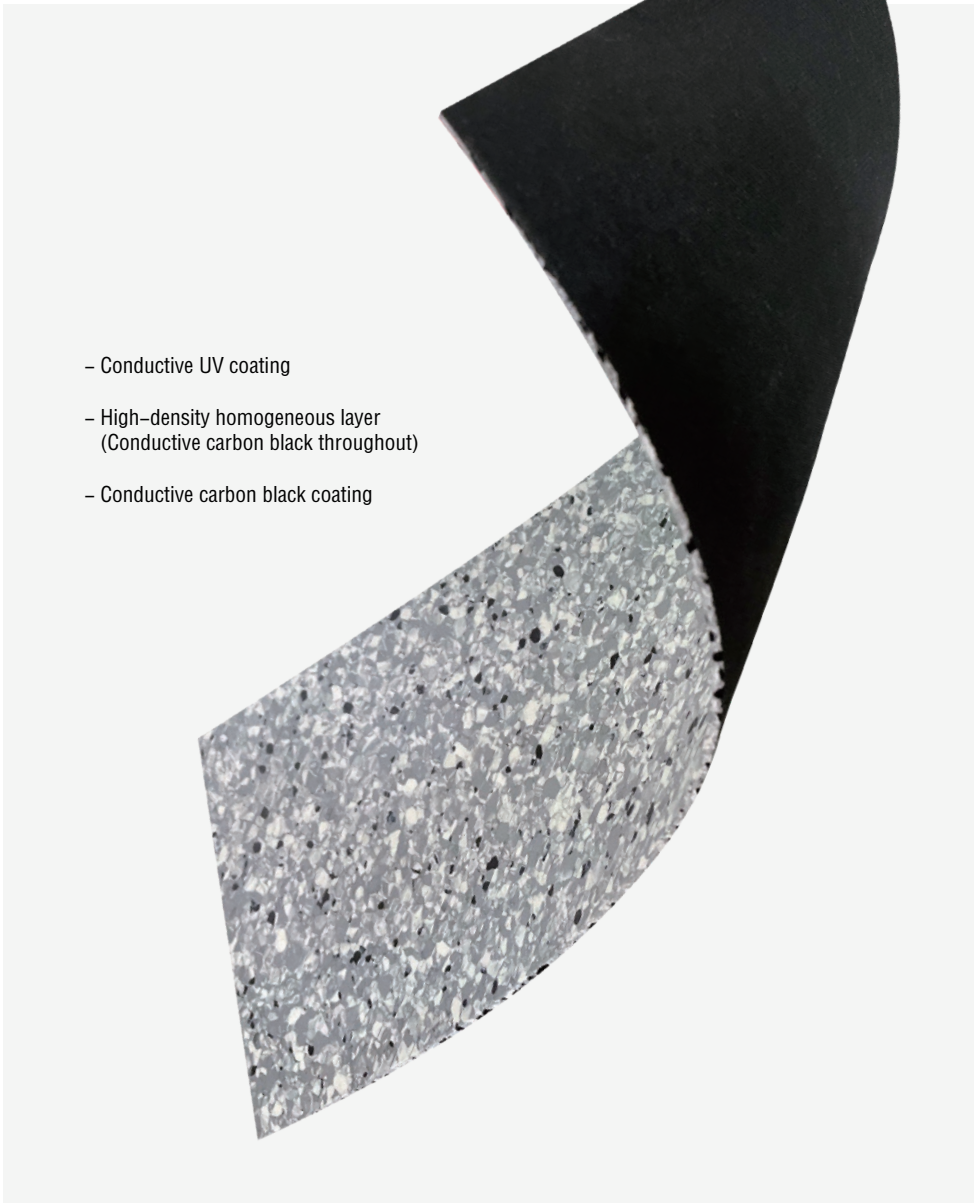


GFBS3 18 STOCK
Philipsburg Blue

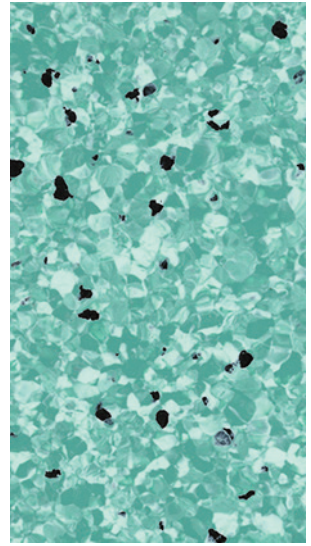
Key features:

- Phthalate-free plasticizer for health and safety
- Great anti-scratch performance
- Low carbon contamination and low emission achieve cleanroom standard
- Permanent conductive function $10^4 \leq \Omega \leq 10^6$

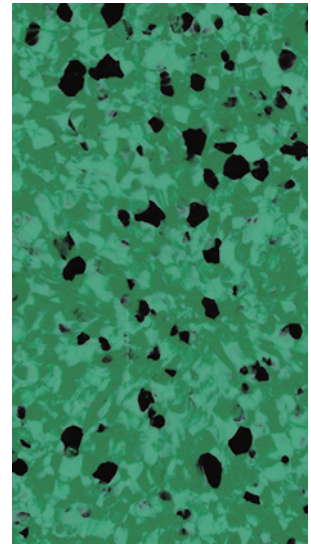
BARNETT® meets requirements in clean rooms as strict as class 10. It has low carbon contamination and low emission and it is independent of room temperature and humidity and is highly suitable for special clean room maintenance techniques, such as semiconductor, micro-electronics, pharmaceuticals, biotechnology, etc.



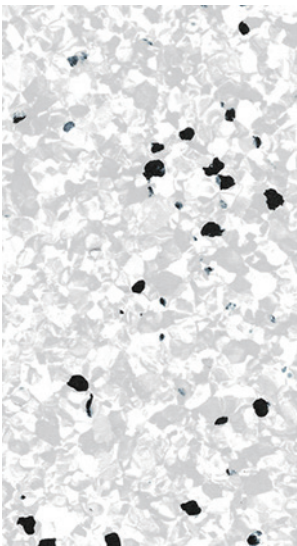
- Conductive UV coating
- High-density homogeneous layer
(Conductive carbon black throughout)
- Conductive carbon black coating



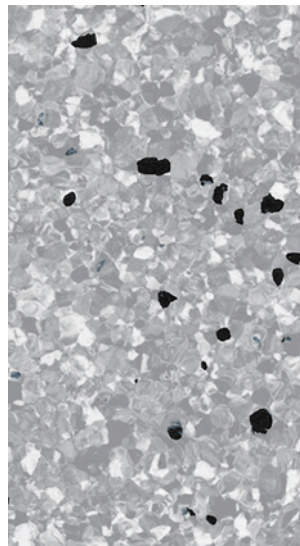
GFBS3 16 STOCK
Sea Mist Green



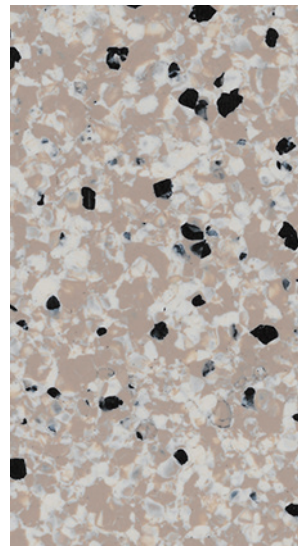
GFBS3 21 STOCK
Green Meadows



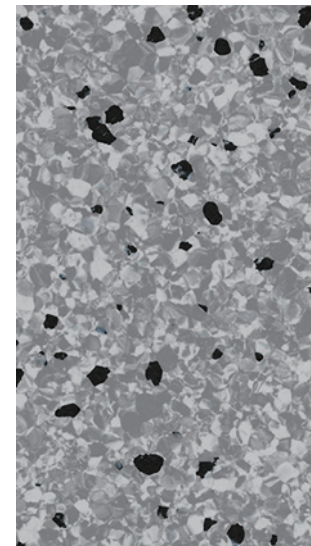
GFBS3 20 STOCK
Gray Lake



GFBS3 13 STOCK
Gull Wing Gray
















GFBS3 11 STOCK
Saint Martin Sand



GFBS3 14 STOCK
Whale Gray

TECHNICAL DATA ^[1]

S3

	Total Thickness EN 428	2mm
	Roll Width EN 426	2m
	Roll Length EN 427	20m
	Weight EN 430	3200g/m ²
	European Classification EN 685	34/43
	Abrasion Group EN 649	P ($\leq 2.6\text{m}^3$)
	Fire Rating EN 13501	Bfl-s1
	Slip Resistance DIN 51130	R9
	Dimension Stability EN 434	$\leq 0.2\%$
	Residual Indentation EN 433	0.03mm
	Formaldehyde Emission EN 717-1	ND
	Flexibility EN 435	No crack
	Thermal Conductivity EN 14041	0.043W/m-K
	Static Electrical Propensity EN 1815	< 2kV
	Color Fastness EN ISO 105-B02	≥ 6
	Castor Chair Test EN 425	Suitable
	Sound Absorption EN ISO 717/2	Approx. 4dB
	Stain and Chemical Resistance EN 423	Great
	TVOC after 28 days ISO 16000	<10 $\mu\text{g}/\text{m}^3$

TECHNICAL DATA ^[1]

S3

Electrical Resistance DIN 51953	$10^4 \leq \Omega \leq 10^6$
Static Decay Time SJ/T 10694-2006	$\leq 2\text{s}$
Static Voltage SJ/T 11236-2001	$ V < 100$
Combustion Performance SJ/T 11235-2001	Fv-0 Grade
Toxicity GB 8624-2006	ZA ₃
Smoke Density GB 8624-2006	$\leq 750\%$, min
Cleanroom Test ASTM F24 / ISO 14644-1	Class A
Ease of Decontamination ISO 8690	Good
Bacteria Resistance EN ISO 846 Part C	Does not favour growth
Seam Strength (Average) EN 684	$\geq 240\text{N}/50\text{mm}$
Seam Strength (Individual) EN 684	$\geq 180\text{N}/50\text{mm}$



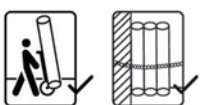
Customizable
300mm*300mm



Customizable
600mm*600mm



Customizable
610mm*610mm



Keep the rolls stand up, no matter they are in your warehouse or at construction site!

[1] Globalflor has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice. For the latest Technical Data Sheet, please kindly check www.bomeiflor.com.

[2] The length of standard roll is 20m, there may have no more than 10% short rolls come out from production, the length of short roll is 10m-19m.



Low VOC and other emissions



SGS International Standards Certified



100% Recyclable



Products can pass CE authorization





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Professional Vinyl Floor Manufacturer

Homogeneous Flooring | Heterogeneous Flooring | ESD Flooring | Sports Flooring
Rubber-plastic Flooring | LVT | SPC | Installation Accessories