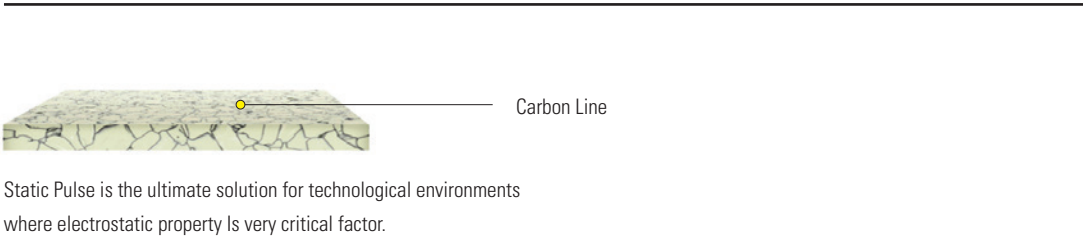


Staticpulse

Staticpulse is a pressed floor covering tile with high performance electrostatic conductive and static dissipative properties.



Construction



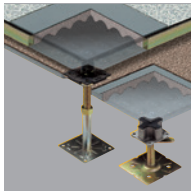
Static Pulse is the ultimate solution for technological environments where electrostatic property is very critical factor.

Applications



CLEAN ROOMS

Staticpulse meets requirements in clean rooms as strict as class 10 based on its high-tech know-how by over 700 research and manufacturing staffs. It has no free carbon to contaminate the clean room, and low outgassing emission and is independent of room temperature and humidity. It is highly suitable for special clean room maintenance techniques, Semiconductor, Microelectronics, Optics, Aerospace, Pharmaceuticals, Biotechnology, etc.



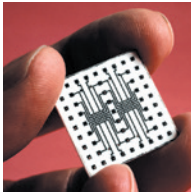
ACCESS FLOORING

Staticpulse is suitable for use on access flooring. It can easily be perforated without risk of rough edges or the tile cracking or breaking. Major manufacturers of raised or access flooring are experienced in the use of Staticpulse.



HEALTH CARE

Staticpulse removes static to prevent data errors that may occur with high-tech visual medical equipment such as CT SCAN, MRI, and other sensitive equipment by static discharge.



ELECTRONICS MANUFACTURING ASSEMBLY, TEST AREAS





























Staticpulse is a permanently installed material that helps protect sensitive electronic devices, assemblies, and products from personnel-generated electrostatic discharge.



COMPUTER AND ELECTRONIC EQUIPMENT AND TELECOMMUNICATIONS ENVIRONMENTS

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

Technical Data

Item	Standard test Method	Specification	Test Result	
			Conductive Tile	Static Dissipative Tile
Electrical/ Electrostatic Properties				
 Electrical Resistance	ESD S 7.1 ASTM F 150	Conductive : 2.5 x 10 ⁴ ~ 106Ω Static Dissipative : 106 ~ 109Ω	2.5 x 10 ⁴ ~ 10 ⁶ Ω	10 ⁶ ~ 10 ⁹ Ω
Static Generation	AATCC-134		0.1KV	0.2KV
 Static Decay	Federal Test Method 101B Method 4046	< 0.5 sec	0.01 sec	0.01 sec
Other Properties				
 Cen Classification	EN 685		Class 34 + 43	
 Composition Of Material	ASTM F 1700, Certificate of Compliance		Homogeneous	
 Thickness	ASTM F 386, EN 428	as specified ± 0.13mm	Meets Standard	
 Nominal Sizes	ASTM F 536, EN 427	≤± 0.4mm / 304.8mm	Meets Standard	
 Squareness	ASTM F 2055	maximum 0.25mm	Meets Standard	
 Residual Indentation	ASTM F1914, EN 433	average less than 8%, max. single reading 10%	< 8 %	
 Flexibility	ASTM F 137	no crack or break	No crack or break	
 Dimensional Stability	ASTM F 2199, EN 434	< 0.51mm / 304.8mm	Meets Standard	
 Resistance To Chemicals	ASTM F 925, EN 423	No more than a slight change in surface dulling, surface attack, or staining	no more than a slight change in surface dulling, surface attack, or staining	
 Resistance To Heat	ASTM F 1514	ΔE < 8 ave., max	Meets Standard	
 Resistance To Light	ASTM F 1515	ΔE < 8 ave., max	Meets Standard	
 Static Load Limit	ASTM F 970-93	-	0.005"(at 2500 psi), 0.127mm(at 175kgf/cm ²)	
 Smoke Density	ASTM E 662	< 450	< 450	
 Flame Spread	ASTM E 84, NFPA 225		< 75	
Cvcm	ASTM E 595		1.88%	
 Thermal Conductivity	DIN 52612		0.309 W/(m.k)	
 Critical Radiant Flux	ASTM E 648, NFPA 253		Class 1 (> 0.45 w/cm ²)	
 Abrasion Resistance	ASTM D 1044, CS-10-F Wheel, 500gm Weights		Cycl	% Gauge Loss
			2,500	0.22
			5,000	0.44
			7,500	0.65
			10,000	0.86
 Resistance To Wear	EN 660-1		Group M	
 Castor Chair Suitability	EN 425		No damage	
 Color Fastness	EN ISO 105 B02		At least 6	
 Standard For Health Care Facilities	NFPA 99		Confirms to the requirement of NFPA 99 in effect at the time of installation	
 EN649	Fulfills Product Requirements	EN 649	Yes	
 Underwriters Laboratories	UL 779		Meets UL Standard	
 Burning Characteristics	EN 13501-1		Bfl-S1	
Warranty				
 Guarantee For Manufacturing		No Damage	5 Years	
 Defects And Wear-Out*			Lifetime	
Conductivity*				

* Warranty is valid only when installed in accordance with LG Hausys's Installation & Maintenance guide.

Staticpulse

Size : 2.0(T) X 600 X 600 | 2.0(T) X 610 X 610 | 3.0(T) X 600 X 600 | 3.0(T) X 610 X 610 mm

Tile



Bfl-S1



UL



Wear Out Warranty

5 Year

Phthalates

FREE

DEHP-DBP-BBP-DDP-DINP-DNOP

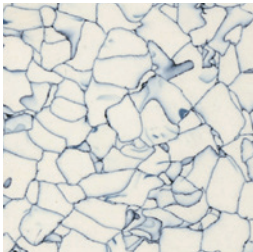
Heavy Metal

FREE


Cd-Pb-Hg-Cr6+



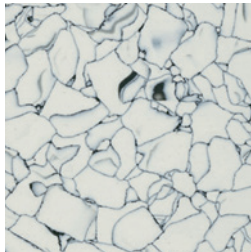
C/SD 6092, 6082



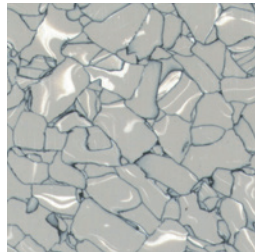
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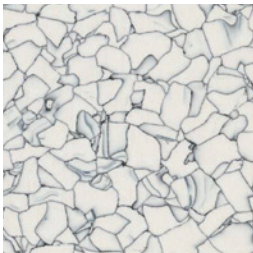
C/SD 6101




C/SD 6111



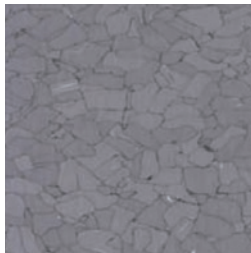
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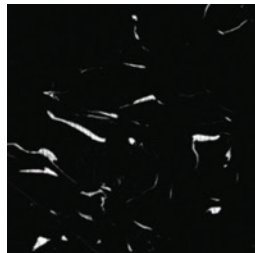
C/SD 601



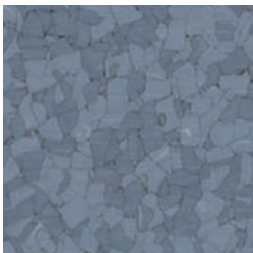
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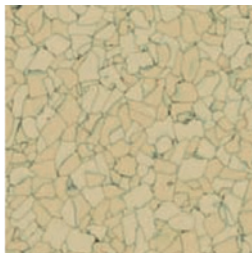
C/SD 6062




C/SD 6141



C/SD 6092



C/SD 6072



C/SD 6082

Color of the above product can be different from actual product color.