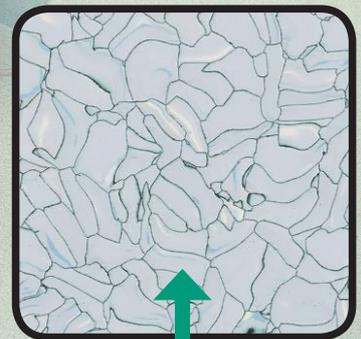


Where?

- ◇ Laboratories
- ◇ Clean rooms
- ◇ Computer server rooms
- ◇ Electronics manufacturing
- ◇ Computer assembly
- ◇ Control rooms
- ◇ Explosives handling



Ex Stock Australia

ANTI-STATIC FLOORING

colorex[®]

EC PLUS

colorex®

EC PLUS

benefits:

- Complies with all ESD and clean room standards including the Fraunhofer Institute
- Life time conductivity warranty guaranteeing optimal performance throughout the life of the product
- Dense construction provides a pore free surface ensuring the highest hygiene properties
- Low plasticiser content creates a unique dimensional stability and prevents shrinkage
- Low plasticiser ensures low emissions and out gassing making it the right choice for clean rooms
- The jointing system is not visible from the surface giving a seamless appearance yet maintaining the ability to remove and replace tiles if required
- The dense construction provides excellent resistance to heavy loads making it the ideal solution for commercial and industrial environments
- Is available in tile format, a prerequisite for raised access floors found in many commercial environments such as data centres and server rooms.

Colorex EC Plus is an advanced technical flooring system specifically designed to control static discharge in sensitive areas such as clean rooms, operating theatres and the electronics industry. Not only does Colorex EC Plus provide a sophisticated and advanced technical solution, it is also aesthetically pleasing, enhancing any commercial or industrial premises.

High Performance

Colorex EC Plus is a high performance permanently conductive floor covering system that consists of loose lay tiles – a key advantage where expensive preparatory measures and downtime are not acceptable. Colorex EC Plus can be laid on nearly every kind of subfloor and it is immediately accessible even by fork lift trucks. Specific sub-floor treatment is not necessary as long as the floor is reasonably level.

The honeycomb structure on the underside of Colorex EC Plus makes it very suitable for where there are damp/wet sub floor applications as it provides ventilation during use.

Tiles are dovetailed with the connection system remaining hidden under the surface of the tiles and are connected to earth via ESD tape.

Unique Construction

The unique construction of Colorex EC Plus is completely free from volatile chemicals and ensures permanent and stable conductive performance of the floor over its entire life time, regardless of changes in humidity and temperature.

Colorex EC Plus contains 15% post industrial recycled content, is manufactured using green electricity and is REACH compliant.

Consistent Performance

The electrical resistance of every single production batch of Colorex EC Plus is tested and results can be provided upon request. Colorex EC Plus is compliant with IEC 61340-4-5, when combined with appropriate ESD boot straps.

Safe and Hygienic

Colorex EC Plus satisfies the most stringent safety requirements with electrical resistance of $2.5 \times 10^4 \leq R \leq 10^6$ or $R < 3.5 \times 10^7 \Omega$ in combination with ESD shoes.

The compact, pore free surface inhibits bacterial and mould growth, helping maintain an excellent standard of hygiene along with an R9 slip rating.

specifications:

Description	Standard	
CE Marking	EN 14041	Compliant
Total Thickness	ISO 24346/EN 428	10.5mm
Tile Size	EN 427	608mmx 608mm
Commercial Very Heavy	ISO 10874/EN 685	34
Industrial Heavy	ISO 10874/EN 685	43
Electrical Resistance	IEC 61340-4-1 EN 1081 (100V) ANSI/ESD 7.1	$2.5 \times 10^4 \leq R \leq 10^6$
Electrical Resistance in combination with ESD Shoes	IEC 61340-4-5 ESD STM 97.1	$R < 3.5 \times 10^7 \Omega$
Outgassing Total TVOC 28 days Total TSVOS 28 days	IDEMA M11-99 AgBB Guidelines	Total $< 2 \mu\text{g}/\text{cm}^2$ $< 1 \text{mg}/\text{m}^3$ $< 0.1 \text{mg}/\text{m}^3$
Bacteriostatic	SNV 195 920	Pass
Chemical Resistance	ISO 26787/EN423	Excellent
Slip Resistance	DIN 51130	R9
Total Weight	ISO 23997/EN 430	12.4kg/m ²
Dimensional Stability Thermal Dilatation Coefficient	ISO 23999/EN 434	N.A 0.11,mm/m°C
Residual Indentation Resistance to loads (performance subject to local conditions)		N.A Powered pallet truck & forklifts: total weight up to 2.5T with hard wheels & up to 5T with air tyres. Static loads: 50kg/cm ² – dynamic loads: 90kg/cm ²
Abrasion Resistance	EN 660-2	Group M
Castor Chair Continuous Use	ISO 4918/EN 425	No Effect
Light Fastness	EN ISO 105 B02	≥ 6
Impact Sound Reduction	EN ISO 140-8	12dB
Body Voltage Generation, with Appropriate ESD Shoes	IEC 61340-4-5 ESD STM97.2 EN 1815	20V
Reaction to Fire	EN 13501-1	B ₁ -s1
Slip Resistance	EN 13893	$\mu = 0.60$
Thermal Conductivity	EN 12524	0.28W/(m-K)

Due to its stability and consistent high quality, its aesthetic appeal won't be tarnished by regular cleaning or disinfecting cycles.

Colorex EC Plus Ramps

In applications where Colorex EC Plus has been installed as a stand-alone working island or does not

finish at a wall, access ramps are available in grey or colour matched to the main Colorex EC Plus tile.

For more information, call us toll free on 1300 137 502 or visit the Ecotile website: www.ecotile.com.au.