EVS2

ESD VINYL SHEET

HYGIENIC FLOORING

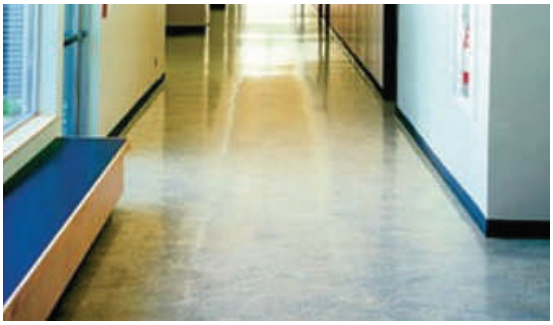
MACHLAB DELIVERING SOLUTIONS

DESCRIPTION

EVS2 are antistatic (<2 kv), flexible homogeneous floor coverings available in both sheet and tiles form. Calendered and compacted with permanent anti-static properties. They act as continuous disspater $10^6 \leq Rt \leq 10^8$ (EN 1081) and comply with EN 649.

USES

Antistatic vinyl flooring is used to setup a special space, very often in commercial setup, that will be free of static shocks, or zaps. Example of spaces that need ESD Vinyl tiles are clean room, manufacturing & assembly workshops of electronic products, hospitals, data center & computer room.



BENEFITS

- Antistatic and anti-bacterial
- Able to sustain heavy traffic usage - wear resistant
- Excellent stain resistance and easy to clean
- Good chemical resistance
- Fast and clean installation

COLOURS

Available in standard flooring colours.

FINISH

Gloss

TECHNICAL INFORMATION

DESCRIPTION		
Total thickness	EN428	2.0 mm
Product weight	EN430	3400 gm/m^2
Roll width	EN426	2.0 m
Roll length	EN426	20.0 lm
CLASSIFICATION		
Standard / Product specification		Homogeneous vinyl flooring
European	EN 685	34-43
Classification K		K5
Fire rating	DIN 13501-1	Class Bfl-S1
	ASTM E648	Class 1
Electrical resistance	EN 1081	$10^6 \leq R \leq 10^8\ \Omega$
	CEI 61340-4-1	$10^6 \leq R \leq 10^9\ \Omega$
	ASTM/ESD 7.1	$10^6 \leq R \leq 10^8\ \Omega$
Static electrical propensity	EN 1815	< 200 V
	CEI61340-4-5	< 200 V
Slip resistance dry	EN 13893	DS
Slip resistance wet	DIN 51130	R9
PERFORMANCE		
Wear resistance	EN 660.1	≤ 0.30 mm
Wear group	EN 649	M
Dimensional stability	EN 434	Sheet ≤ 0.40%
		tile ≤ 0.25%
Residual indentation	EN 433	≤ 0.10 mm
Thermal conductivity	EN 12 524	0.25 W / (m.K)
Colour fastness	EN 20 105 B02	≤ 6
Chemical resistance	EN 423	Good
Anti bacterial and fungicidal	EN ISO 846	Yes

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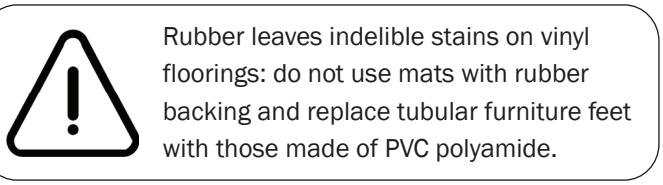
MAINTENANCE

The use of any regular application of wax or synthetic floor finish on ESD vinyl sheet is not recommended. The use of any such material will build an insulation film on the surface. This will reduce its effectiveness and affect its performance. The preferred method is dry maintenance method. Spray clean or burnish floor using a rotary buffing machine with appropriate pads and spray buff solution that contains water, alcohol and neutral detergent.

If unable to use dry method, wet maintenance can also be used. In wet maintenance, the floor should be scrubbed with a neutral pH detergent. Do not flood the floor with cleaning solution or rinse water. Use as little water as possible.



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

HEALTH & SAFETY

Wet floors are normally more slippery so when cleaning proceed with caution. This awareness is even more important in Health Care applications when protective nylon footwear is worn. Use proper signage and always keep traffic off floors until they are thoroughly dry. Slipping on an improperly maintained floor is not considered the fault of the flooring product.

FURTHER INFORMATION

With a wealth of technical experience built up over many years in our pursuit of excellence especially in the protective and flooring technology, contact **MACHLAB** for further consultation.

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