

Conductive

- Tile : 3mm(T) x 450mm(W) x 450mm(L), 16Pcs/Box(3.24m²)
- Sheet : 3mm(T) x 620mm(W) x 620mm(L), Order Base Produced

Size

- Tile : 3mm(T) x 450mm(W) x 450mm(L), 16Pcs/Box(3.24m²)
- Sheet : 3mm(T) x 620mm(W) x 620mm(L), Order Based Products

Uses

- Internet Cafe, Computer room
- Access Floor Finishing
- Mobile base centers or any other intelligent buildings
- Control room of power stations, etc
- Places where people handle flammable explosives
- Test rooms or any other places that are in danger of being damaged by static electricity

Electrical Characteristics

- Capable of maintaining permanent electrical conductivity conductive adhesive upon installation.
- Meets the standard of the conductive properties of ASTM F150.
- Surface Resistance : $2.5 \times 10^4 \sim 1.0 \times 10^6 \Omega$, 500V

Characteristics

- Anti-flammable and highly durable in quality.
- Meets the eco-friendly certification standards.

Installation

- Remove all contaminants completely.
- Finish the cracks on the floor.
- Dry the floor completely.
- Apply conductive adhesive to the flooring (Open Time : 10~20min) : acrylic adhesive that provides excellent conductivity.
- Please make sure to press the Conductive tiles with rollers, etc, to adhere them to the floor completely.
- Please make sure to carry out grounding.
- Please carry out the wax coating with conductive wax
- Use conductive adhesive and conductive wax out grounding to keep the conductive quality in best shape.
- (We are not responsible for damages caused by use of accessories)

Accessories

- It can be supplied and shipped simultaneously with the product.
- Wax : Wax recommended
- Copper Plate : Please use copper foil tape for conductive tile installation.

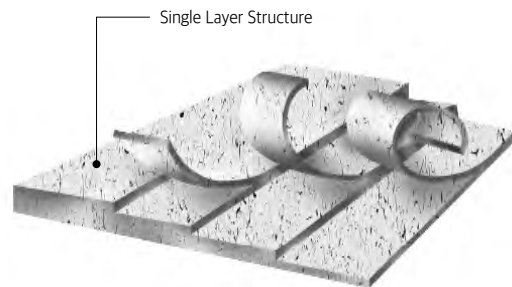
Maintenance and Caution

- When cleaning contaminated areas on the surface of the product, do not use strong solvents such as acetone or thinner. Please use neutral detergent and make sure to remove the detergent completely and apply conductive wax recommended
- Keep the room temperature between 18 and 30°C for more than 24 hours after installation.

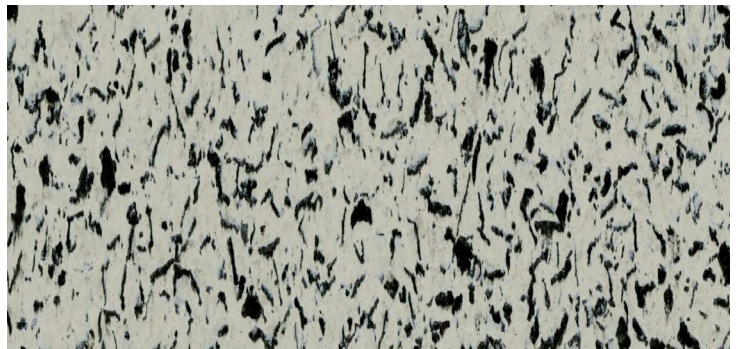
Test Report

Test Items	Unit	Requirements	Test Results	Test Method
Electric resistance	Surface	$2.5 \times 10^4 \sim 1.0 \times 10^6$	6.3×10^5	ASTM F150-06 (2018)
	Ground	$2.5 \times 10^4 \sim 1.0 \times 10^6$	1.2×10^5	
Size	Thickness	± 0.15	2.99	KS M 3802:2022
	Width	± 0.1	450.1	
	Length	± 0.1	450.2	
Squareness	-	0.25 or less	0.03	
Quantity of Indentation	23°C	0.15 or less	0.15	
	45°C	0.80 or less	0.25	
Residual Indentation	Method A	0.25 or less	0.15	
Ratio of change due to heating	Length	0.20 or less	0.08	
	Width	0.20 or less	0.05	
Ratio of change due to water absorption	Length	0.20 or less	0.11	
	Width	0.20 or less	0.11	
Flame retardant performance	Afterflame time(Height, Length)	20 or less	0	
	Carbonized length(Height, Length)	100 or less	5	

*Based on Conductive Tile



HCD 501



HCD 503