Jinhai Anti-static Floor
常州金海

Refine Union
瑞丰联

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2022 UNION FLOOR CATALOGUE

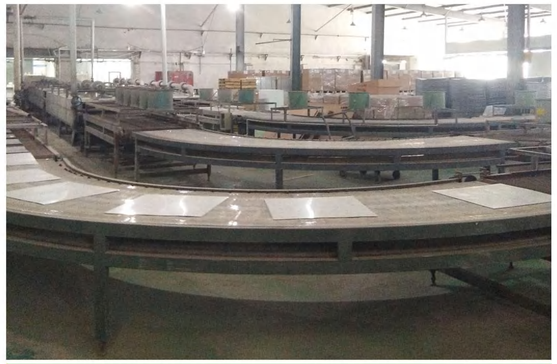
REFINE UNION

ROLLS

STATIC-DISSIPATIVE & CONDUCTIVE

TILES

ABOUT US



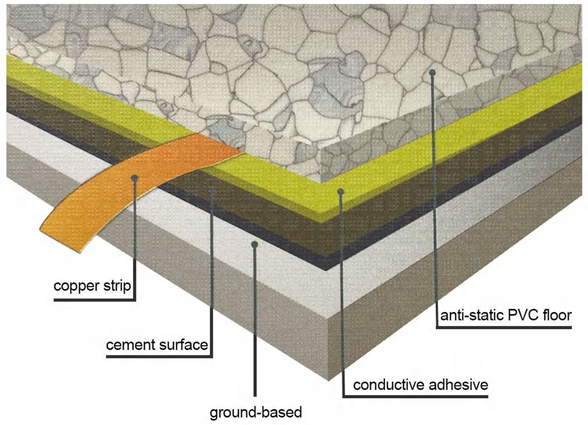
ChangZhou Jinhai Refine Union

We are the agent and distributor for high quality Anti Static floor for top professional manufacture Jinhai Anti-Static Floor.We have more than 10 years experience in this field and promoted our Anti-Static tiles to all over the world.Hope we can be a partner of your esteemed compamy with our good performance item and excellent service

Static electricity swoon everywhere in our daily life, there might be super high static electricity voltage around us or surrounded the body,thousands of volts or eventens ofthousands of volts. 35,000 volts of static electricity generates when walking pass the chemical fiber carpet,about 7000 volts when reading plastic manuals,which might not be felt by people, however it's fatal hazards to some sensitive equipments,Static electricity hazards may cause very serious cosequences and losses.It could inadvertently shoot expensive electronic devices,resulting in billions of dollars losses in electronics industry annually.....

Nowadays people increasingly realize the importance and necessity of ESD protection,while the anti-static PVC floor system is the top priority of electrostatic protection. Perfect anti-static PVC floor system could prevent static electricity from generation,release static electricity into the earth to prevent accumulation of dust.

ANTI-STATIC PVC FLOORING TILES



INTRODUCTIONG OF CONSTRUCTION

This product has permanent anti-static function because it uses conductive static network formed at the interface of plastic particles.

- Excelent wear resistance and easy cleaning with the speical coating.
- Conductive material is distributed evenly in entire tile so that it has permanet conductity.
- Anti-fire,anti-chenical properties.
- Uniform gauge and color maintenace.

ANTI-STATIC PVC FLOORING TILES

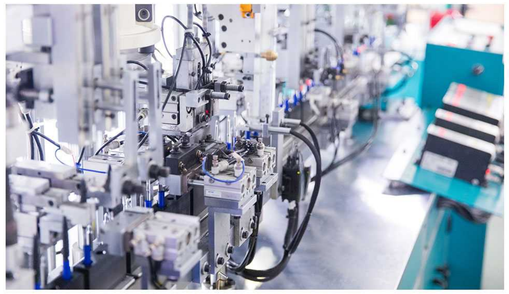
ANTI-STATIC PVC FLOOR

Anti-static PVC floor has been widely aplied to e-shop,clean rooms,communication rooms and other precision instruments and rooms for equipment operation.

APPLICATION SCENARIOS

COMPUTER AND ELECTRONIC EQUIPMENT AND TELECOMMUNICATIONS ENVIRONMENTS

Refine Union ESD-CONTROL TILE 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 instrument.



ELECTRONICS MANUFACTURING ASSEMBLY，TEST AREAS

Refine Union ESD-CONTROL TILE is a permanently installed material that helps to protect sensitive electronic devices. assemblies and products from personnel-generated electrostatic discharge.

HEALTH CARE

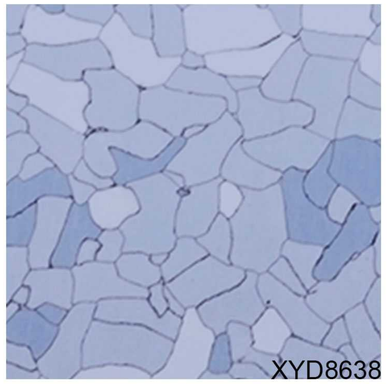
Refine Union ESD-CONTROL TILE helps to control involuntary personnel movement caused by electrostatic discharge, prevent hazardous static discharge directly into patients and prevent fire or explosion where flammable anesthetics are used.

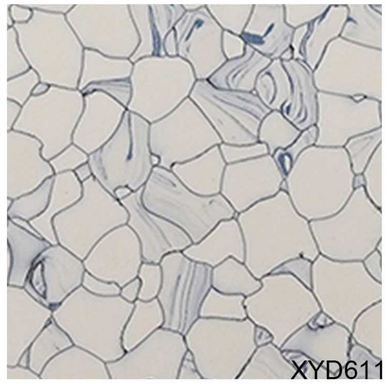
ACCESS FLOORING

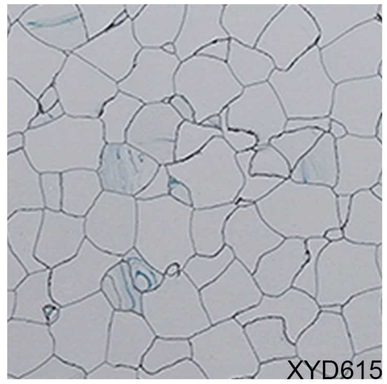
Refine Union ESD-CONTROL TILE is suitable foruse on access flooring. It can easily be perforated without risk of rough edges or the tile cracking or breaking. Major manufacturers of raised access floors are experienced in the use of Refine Union ESD CONTROL TILE.

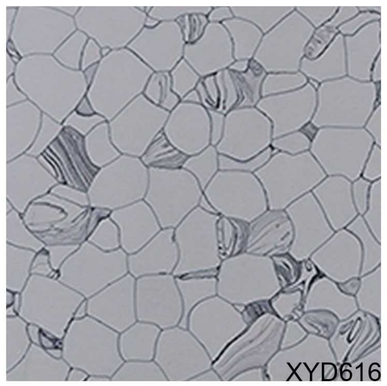
ITEM	STANDARD	INDEX	
SIZE	SJ/T11236-2001 ASTM F536-98	600*600mm 610*610mm	
THICKNESS	SJ/T11236-2001 ASTM F386-11	2.0，2.5，3.0	
ELECTRICAL RESISTANCE	SJ/T11236-2001 EN 1081	EC $2.5*10^4$-$1.0*10^6$ 10^4-10^6	SD $1.0*10^6$-10^9 10^6-10^9
STATIING VOLTAGE	AATCC-134	50V	100V
	SJ/T11236-2001	IVI<100V	
STATIC DECAY	GJB2605-1996	≤2sec	
	Federal Test Method 101B Method 4046	0.01sec	0.01sec
RESISTANCE TO WEAR	SJ/T11236-2001	≤0.020g/cm²	
	ASTM D1044-13	2500 5000	0.48 0.95
FIRE RESISTANCE	SJ/T11236-2001 ASTM E648:2009a	FV-0 Class I	
DIMENSIONAL	ASTM F2199:2009 EN 434	≤0.25%	
Slip Resistance Wet	DIN 51130	R9	
RESIDUAL CONCAVITY	SJ/T11236-2001 EN 433	≤0.15% 0.03	
COLOR FASTNESS	ISO 105B 02	≤6	
Chemical Products Resistance	EN ISO 26987:2012	OK	
Toxic Testing	GB 18586-2001 EN 71-3	OK	
TVOC After 28 Days	ISO 16000-3	<10μ G/M³	

ANTI-STATIC PVC FLOORING TILES


XYD8638


XYD611


XYD615


XYD616

XYD617

XYD8601

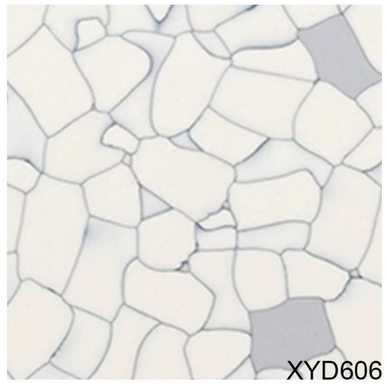
Conductive Tile,Static-Dissipative Tile

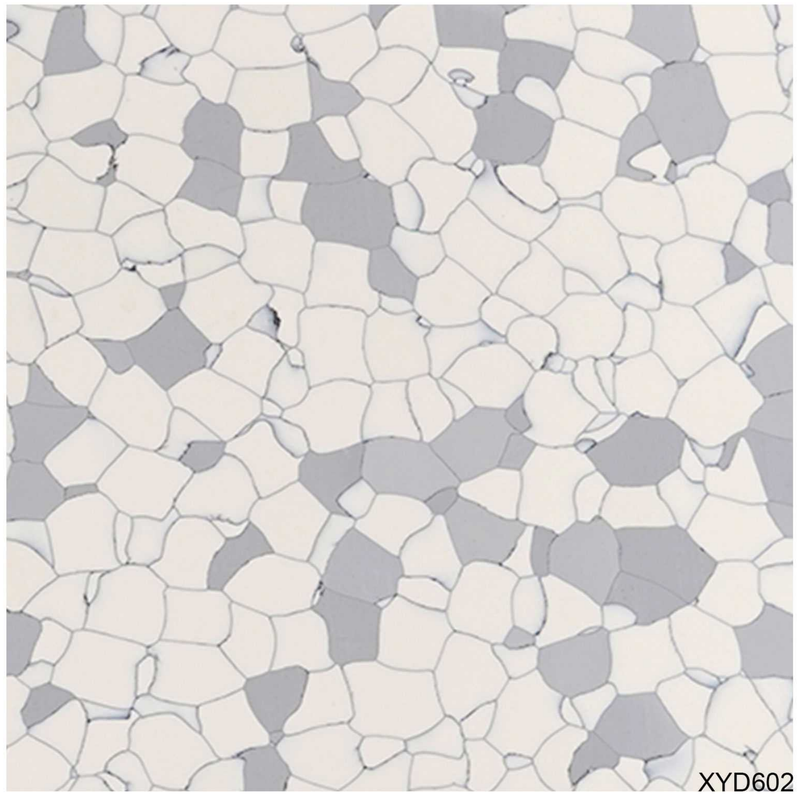
Size:600x600x2.0/2.5/3.0mm

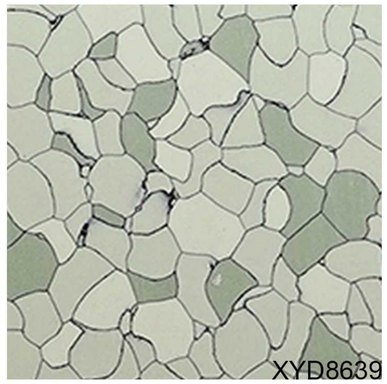
ANTI-STATIC PVC FLOORING TILES

XYD603

XYD604


XYD606


XYD602

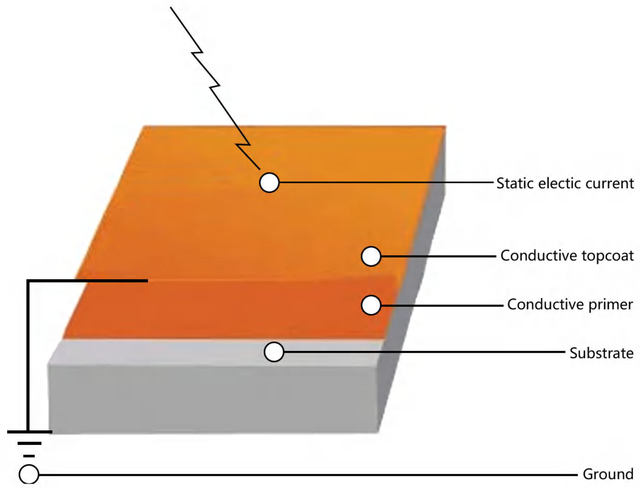

XYD8639

XYD601

ANTI-STATIC PVC FLOORING ROLL

UnionFloor anti-static pvc flooring roll

Refine Union makes great efforts to take the technical research and product development on the electronic anti-static area for many years.The anti-static products are used for many kinds of place with required static control, reducing the esd damage and decreasing accumulate of dust in the interior of cleaning room.



Anti-static product structure diagram

Excellent electrical values for the demanding customers ESD,Commonly used term within the electronic industry etc.

A special conductive backing,ensures the stability of the floor after intallation.

Non direcional pattern, makes this functional floor more decorative.

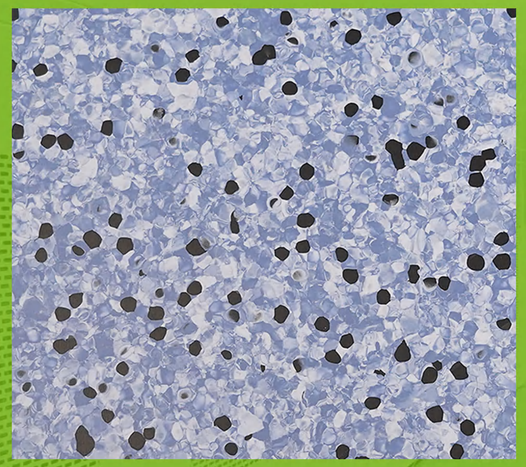
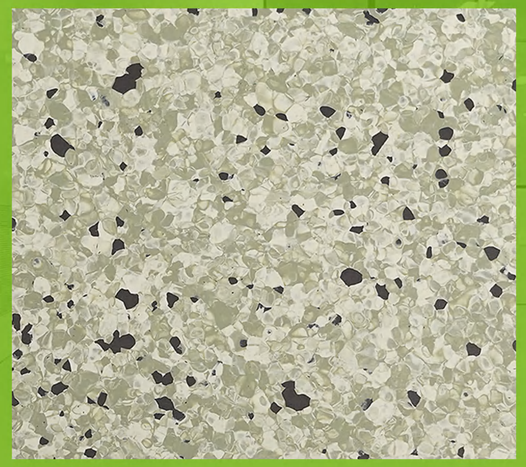
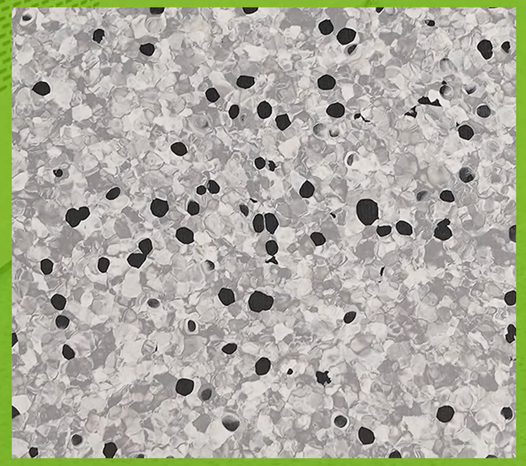
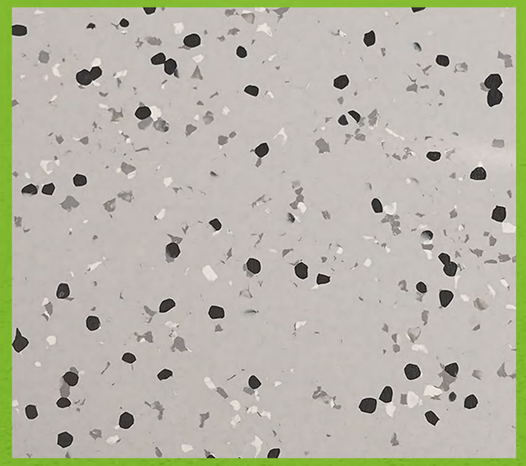
UnionFloor anti-static pvc flooring roll

Relevant parameter

Test Items	Standard	Result
Thickness	ISO 24346-EN430	2.0/2.5/3.0mm
	SJ/T11236-2001	
Length	ISO 24341-EN426	20mm
	SJ/T11236-2001	
Width	ISO 24341-EN426	2mm
	SJ/T11236-2001	
Systen resistance	DIN 51953	Static Dissipative $1.0x10^6$~$1.0x10^9\Omega$
	SJ/T11236-2001	Conductive <$1.0x10^6\Omega$
Decay period of static voltage	SJ/T10694-2006	⩽2S
Starting voltage	SJ/T11236-2001	IVI<100V
Amount of wear	SJ/T11236-2001	⩽0.02g/cm²
Combustion property	GB8624-2006	B_{fl}-S1,t1
	SJ/T11236-2001	FV-0
Smoke production	GB8624-2006	⩽750%,min
Smoke toxicity	GB8624-2006	ZA_3
Anti-bacterial	ISO 22196	Anti bacterial rate I
Slip resistance	DIN51130	R9
	EN13893	⩾0.3
Toxic testing	GB18586-2001	Suitable
Formaldehyde emission	EN717-1	N.D
Residual indentation	EN433	⩽0.10mm
Effect of castor chair	EN425	No delamination no cracks
Dimensional stability	EN434	⩽0.40%
Color fastness	ENISO 105 B02	⩾6
Impact sound absorption vli	ENISO 0717/2	Apprpx 2dB
Resistance to staining	EN423:2001	0 • Not affected

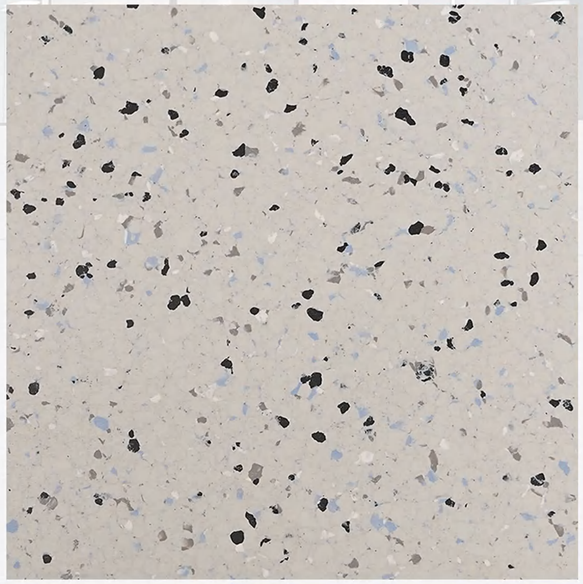
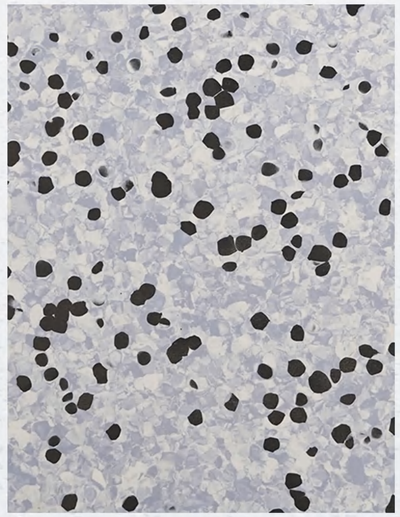
ANTI-STATIC PVC FLOORING ROLL
CONDUCTIVE ROLLS

PVC floors of Refine Union are provided with permanent anti-static property,stable and not affected by temperature and humidity of the interior of cleaning room.The surface of floors are smooth to protect the chemical pollution and easy to clean and maintain for floors.

SGS CE ISO9001 ISO14001

ANTI-STATIC PVC FLOORING ROLL
CONDUCTIVE ROLLS



Clean floor by machine-scrubbing with a good neutral detergent. Lighty soiled floors may be damp mopped but also should be periodically machine-scrubbed. Severe soiling or back marking can be removed with a floor cleaning machine, synthetic stripping pad and a commercial stripping solution. Clear water rinsing is necessary after any scrubbing or striping operation to remove all cleaner floors maintenance should apply spray and grinding. If necessary, can maintenance the surface of floors by conductive waxperiodically.