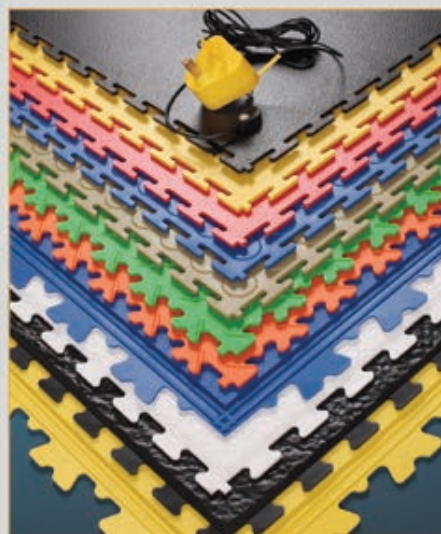# flexi-tile™

THE PVC INTERLOCKING FLOOR TILE

A Versatile and Competitive
Interlocking Floor Solution

flexi-tile™

THE PVC INTERLOCKING FLOOR TILE

Benefits & Features

Flexi-Tile PVC Interlocking Floor Tiles are a versatile and competitive flooring solution with an almost unlimited range of applications. The Flexi-Tile range is injection moulded from 100% recyclable PVC and can be installed over virtually any existing floor surface.
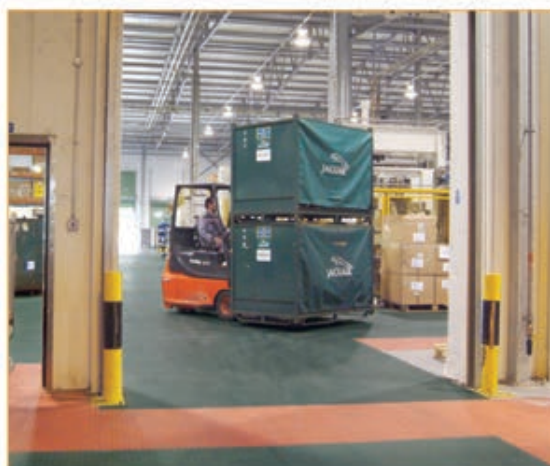
- Interlocking Floor Tile
- Cost Effective
- Easy Installation & can be used immediately
- Minimal Maintenance
- Fire retardant
- Anti-Slip
- Resistant to most chemicals
- Sound Absorbing
- Anti-fatigue & durable
- Resists punctures & abrasions
- 100% recyclable

Industrial

Industrial Flexi-Tiles are made from a hard compound PVC material which is durable and heavy duty. Ideal for areas with heavy traffic such as forklifts, pallet trucks, electrical trucks or other forms of heavy traffic including high level foot traffic.

The ideal solution for:

- Factories
- Production Halls
- Gyms
- Hospitals
- Ice Rinks
- Power Stations
- Garages Industrial use

- Warehouses
- Airports
- Weights areas
- Night Clubs
- Train Stations
- Aircraft Hangers

Available in all finishes & thicknesses
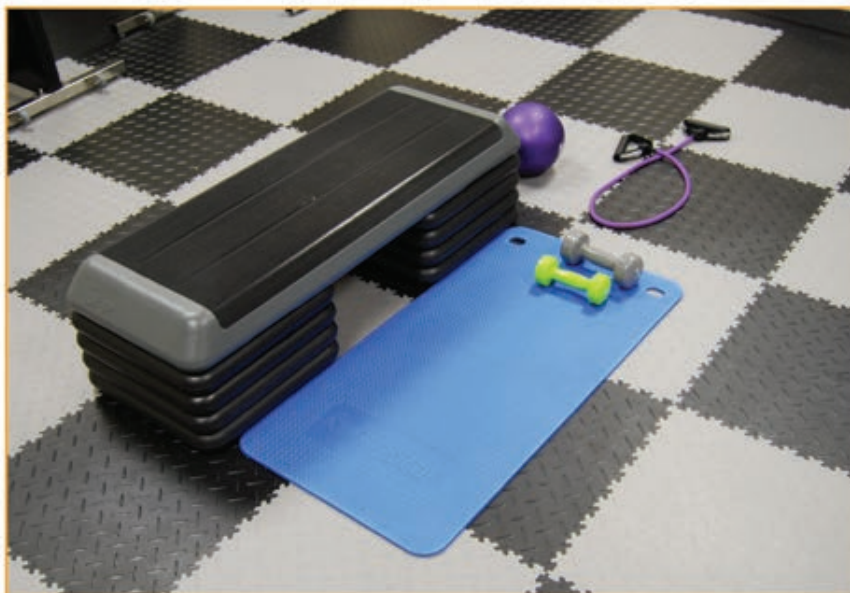
Industrial
Applications

Commercial

Commercial Flexi-Tiles are made from a soft compound PVC material which is designed to provide a durable yet comfortable anti-fatigue floor. It is more flexible than the industrial compound. Ideal for areas with light industrial and light foot traffic.

The ideal solution for:

- Workshops
- Garages
- Shops
- Offices
- Showrooms
- Fitness suites
- Laboratories
- Control rooms & server rooms
- Schools, nurseries
- Point of sale areas
- Exhibitions
- Temporary or permanent flooring

Available in all finishes and all thicknesses.

flexi-tile ™
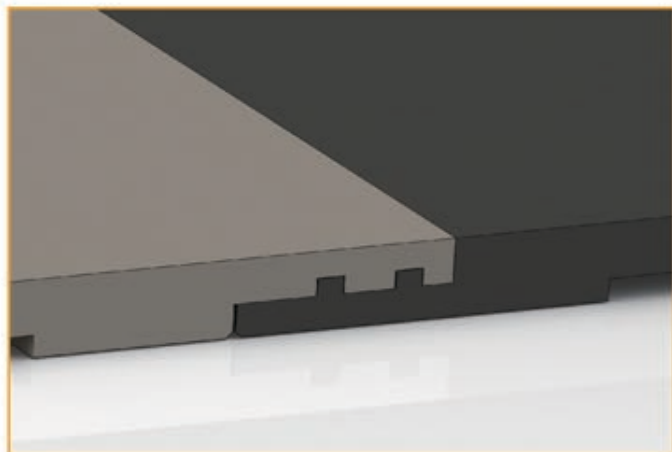### THE PVC INTERLOCKING FLOOR TILE

Commercial
Applications

3

flexi-tile ™

THE PVC INTERLOCKING FLOOR TILE

Flexi-Tile Eclipse

Introducing the newest product to our Flexi-Tile range – The Flexi-Tile Eclipse is a unique hidden join tile designed by popular demand!

- Uniquely designed hidden join interlock
- Virtually Waterproof
- Industrial & Commercial
- 500mm x 500mm x 7mm
- Easy to Install
- Minimal Maintenance
- Anti Slip
- Fire retardant
- Resistant to most liquids and chemicals
- Choice of colour in Elite
- Also available in Recycled, ESD & Antistatic

Flexi-Tile's Eclipse - interlocking tiles fit together as shown above which provides a unique virtually waterproof seal

Eclipse - hidden join Flexi-Tile

Residential

Flexi-Tiles are also recommended for use in the home. The most popular for residential would be our Homestyle tiles which were designed specifically for this use. Also used would be Diamond plate & studded/textured which are available in all finishes and thicknesses.

The ideal solution for :

- Kitchens
- Living Room
- Hallways
- Utility Rooms
- Garages
- Home Gyms
- Home Office

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Residential
Applications

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Flexi-Tile Elite

Flexi-Tile Elite is our premium range made from high quality PVC material. It is aesthetically pleasing in our complete range of colours. We can also colour match any colour you wish for a minimum order quantity of 100m2. Available in all thickness and all finishes.

Flexi-Tile Recycled

Flexi-Tile Recycled is our value for money; eco-friendly range of products made with 100% recycled material. It is suitable for all Industrial, commercial and residential applications. Flexi-Tile Recycled has all the benefits of the Elite range products but is only available in black and grey colours.

We are committed to minimising the impact of our activities on the environment and are reducing our carbon footprint significantly by producing a recycled & recyclable product.

We also offer the choice of returning used Flexi-Tiles at the end of their life cycle to our recycling facility reducing the burden on finite natural resources.

Flexi-Tile Colour Chart

Dark Grey	Light Grey	Black	Tan	Beige
Sandstone	Blue	Navy Blue	Red	Terracotta
Yellow	Vivid Green	Forest Green	White	Orange

*Please note: These colours are just a guide, please ask for a sample to see closer colour match as there can be slight variances depending on material.

Finishes available in:

Textured

Available in 7mm & 5mm industrial & 7mm, 5mm & 4.5mm commercial

Diamond Plate

Available in 4mm & 7mm Industrial & Commercial

Studded

Available in 7mm, 5mm Industrial & Commercial & 4.5mm Commercial

Homestyle Hidden Join

Available in 5mm Commercial

Eclipse Hidden Join

Available in 7mm Industrial & Commercial

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Flexi-Tile Antistatic & ESD

The Flexi-Tile range of Antistatic & ESD (Electro Static Dissipative) are both specifically manufactured to prevent electro static discharges from affecting or damaging electrical devices and for the safety of employees. All of our Antistatic & ESD products conform to BS EN 61340-5-1-2010 and are available in Black & Dark Grey in Textured, Studded, Diamond Plate & Eclipse finishes.

Depending on your Antistatic & ESD needs Flexi-Tile have a number of Electrical Resistances to choose from:

Antistatic
10^9 - 10^{10}

Installation of Flexi-Tile Antistatic is as simple as our standard Flexi-Tiles. No preparation to the sub-floor is necessary. The antistatic additive is incorporated into the tile at the manufacturing stage and therefore the floor can be laid as normal.

ESD
10^5 - 10^7

Installation of ESD differs from that of Antistatic. The resistance level is lower for ESD; in order to achieve the dissipative/conductive properties you will need a grounding tile for every 80m2, this then connects to a plug socket, with conductive tape laid every metre, in a grid like format. We have ESD grounding kits available which consists of the grounding tile, plug, connector & 2 metres of tape. 200m rolls of conductive tape are also available for purchase. Flexi-Tile ESD Flooring can be used as the primary grounding mechanism for establishment of an Electrostatic Protective Area (EPA).

For pricing or installation guide please do not hesitate to contact us

*Please note: The steel fibre additive used to create the different resistances can sometimes be visible on the surface of Flexi-Tiles. In order to reach the standards required for ESD sometimes this can not be avoided.

Flexi-Tile Antibacterial / Antimicrobial

Prevention is better than cure!

Certain microbial organisms can be harmful to people, Flexi-Tile now have a new product to control the spread of infection, bacteria or germs.

- Effective in the fight against healthcare acquired infections
- Built in protection throughout the tiles not just on the surface
- Prevents problems before the arise – attacks at the source
- Special additive that uses the Antimicrobial properties of silver

For use in areas such as:

- Hospitals
- Nursing Homes
- Schools
- Doctors Surgeries
- Pharmacies
- Laboratories
- Clean rooms
- Dental Surgeries
- Anywhere bacteria or germs are of concern
- Changing rooms

Our PVC material has been tested and proven to exhibit reductions in bacterial viable counts by 99.9%. According to ISO 22196:2007. EPA registered and complies with European Biocidal Products Directive (BPD)
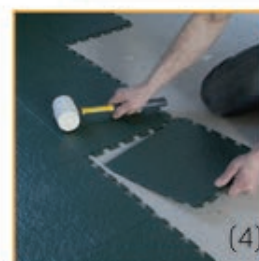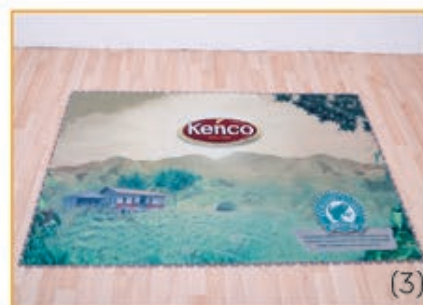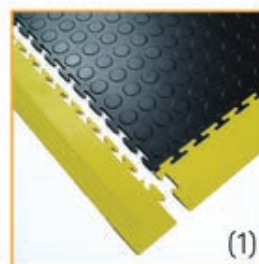
Microbial organisms can also cause discolouration and bad odours.

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Flexi-Tile Accessories

Flexi-Tile offers a range of accessories available to add your order.

1. Edge and corner strips: are great for finishing off the floor. They are available for all finishes, excluding Homestyle & Eclipse.

2. Flexi-Tile floor cleaner: which has been specifically formulated for recommended use on the whole Flexi-Tile range.

3. Logo tiles: have your company logo or picture to personalise your floor!

4. Installation Kit: which includes a Tape Measure (10m), Metal Ruler with handle, a Heavy Duty Knife and a Rubber Mallet.

5. Flexi-Tile Transparent: is ideal if you have something underneath which you want to be visible i.e a logo or picture.

(1)

(2)

(3)

(4)

(5)

Flexi-Tile Technical Details

		Diamond	Homestyle	Commercial Studded, Textured & Eclipse (7mm only)			Industrial Studded, Textured & Eclipse (7mm only)	
		4mm	5mm	4.5mm	5mm	7mm	5mm	7mm
	Material (PVC)	Polyvinyl Chloride	Polyvinyl Chloride	Polyvinyl Chloride	Polyvinyl Chloride	Polyvinyl Chloride	Polyvinyl Chloride	Polyvinyl Chloride
	Tile Dimensions (mm²)	505	458	516	516	516	516	516
	Weight (kg)	1.45	1.45	1.98	1.98	2.5	1.91	2.5
BS EN 428	Thickness (mm)	4 ± 0.2	5 ± 0.2	4.5 ± 0.2	5 ± 0.2	7 ± 0.2	5 ± 0.2	7 ± 0.2
BS EN 427	Squareness & Straightness (mm)	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.05	< 0.05
BS EN 660-2	Abrasion Resistance (wear group)	T	T	T	T	P	P	P
BS EN 434	Dimensional Stability (%)	0.04	0.04	0.04	0.04	0.04	0.11	0.11
BS EN 434	Curling After Exposure to Heat (mm)	0.04	0.04	0.04	0.04	0.04	0.15	0.15
BS EN 12667	Thermal Resistance (m² k/w)	0.02364	0.02956	0.02627	0.02719	0.03807	0.02719	0.03807

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All Flexi-Tile Products have the following attributes:

BS EN 423	Staining Resistance*	Yes	BS EN 14041	European Building Material Standard	Yes
BS EN 425	Castor Chair Suitability (class)	Yes	EN 13501	Reaction To Fire Performance (class)*	BFL-S1
Class 34 BS EN 649	Commercial Very Heavy	Yes	EN 14184	Formaldehyde Content (class)	E1 (CWFT)
Class43 BS EN 649	Light Industrial	Yes	BS EN 1081	Electrical Resistance (ohms)	$\leq 10^{14} \, \Omega$
BS EN 435	Flexibility (mm)	No Cracking @ 10mm	BS EN 1815	Static Electrical Propensity (Kv)	< 2.0
BS EN 20105	B02Light Fastness (Blue Wool Standard 6)	> 7	BS EN 13893	Slip Resistance (class)	DS
BS EN 433	Residual Indentation (mm)	≤0.10	DIN 51130	German Standard Slip Resistance (class)	R10
BS EN ISO 140-8	Impact Noise Reduction* (dB)	16*			

Flexi-Tile can be loose laid in areas where:
A. Four wheeled forklift trucks with rubber tyres not carrying more than 1 tonne.
B. Three wheeled forklift trucks with rubber tyres not carrying more than 800kg.
C. Pallet trucks not carrying more than 800kg.
D. Electric pallet trucks not carrying more than 700kg.

Adhesives must be used in areas where:
A. Forklift, Pallet or Electrical pallet trucks exceed acceptable weights for loose laying.
B. Forklift trucks with steel or nylon wheels are in use.
C. Three wheel forklifts with single rear wheel.
D. A reach truck is in use.
E. Exposed to significant temperature variation.
F. Exposed to direct sunlight.

Flooring substrates which do not have a density equal or greater than 1800kg/m3 (having a minimum thickness of 6mm and a fire performance class of A2FL) will render fire classification BFL-S1 invalid. Typical desity of MDF Wood - 900kg/m3. Typical density of Concrete - 2400kg/m3.

* Staining Resistance   Please contact our technical department for details of substances tested and the results achieved.
* Eclipse Dimensions   Eclipse tile dimsnsions differ slightly than the other 7mm tiles - 498mm x 498mm

CE

recycle
100% recyclebar

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info@flexi-tile.com
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BSI

ISO 9001:2008
FM561521