



# Industrial & Commercial Flooring Solutions





## An Introduction to Ecotile

Ecotile is a privately owned UK manufacturing company, founded in 1996. We produce high quality, durable PVC interlocking floor tiles designed for the most challenging industrial and commercial environments.

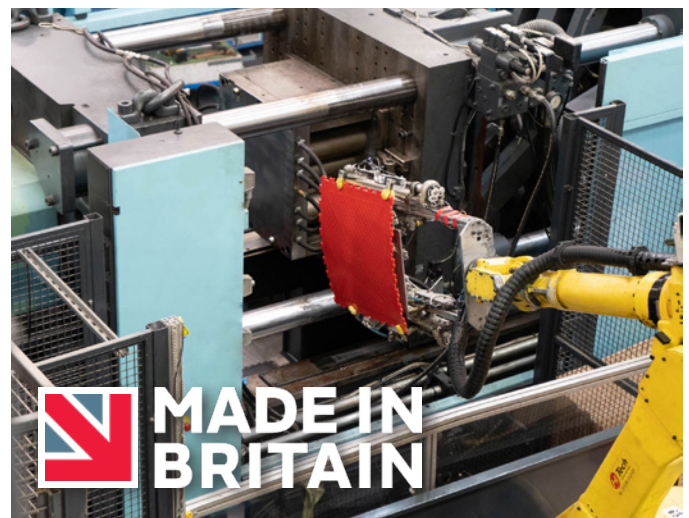
All Ecotile floor tiles are made by us. We proudly operate our ISO accredited, state of the art British manufacturing facility in Luton, Bedfordshire. All our products are tested and pass the most stringent British and European standards for slip resistance, durability and fire performance. So you can be sure every Ecotile is manufactured to the highest quality.

We're trusted to provide flooring to 1000s of businesses throughout the world, as well as working in partnership with the MoD to provide them with safe flooring in extremely dangerous applications.



## Why Businesses Trust Ecotile

- The world's best interlocking floor tile
- Award winning British manufacturer
- Strict quality control measures
- Short and reliable lead times
- Over 26 years in business
- Excellent customer service
- Ecovadis and Avetta accredited
- Environmentally friendly
- 10 year warranty



## World Class Solution for Problem Floors

We've always committed to creating world class flooring solutions, manufactured from the highest-grade raw materials. All engineered under the strictest quality control procedures to ensure our quality is second to none.

- Extremely durable and hardwearing
- Quality at the heart of everything we do
- Easily strong enough for forklift traffic
- R10 slip rating and Bfl-s1 fire rating
- Low life cycle cost
- Long lasting (15+ years)
- Always made from high quality material



Our aim has always been to create high performing, top quality yet sustainable solutions to a range of flooring issues and challenges businesses regularly face. That's why all our products are designed with this in mind.

Ecotile floor tiles are trusted by 1000s of customers around the world, which fills us with immense pride. And we're extremely grateful to call every single one a valued customer and partner, as we tackle flooring issues together.

Just a few of our fabulous customers who already benefit from Ecotile are highlighted on this page. From large to small and everyone in between, they all have one thing in common. They trust Ecotile to solve their issues.

## Ecotile. For All.

Our customers are at the heart of everything we do. We pride ourselves on building strong, transparent relationships with a partnership approach to long-term success. This ensures we always provide the highest levels of service, quality, safety and technical expertise and honest advice.

## Direct for Businesses

If you're a business looking to resolve issues in your own workplace, you can buy direct from us, the manufacturer.

## Retailers

If you're a retailer, resale merchant or distributor, we're here to help you expand your product offering and develop additional sales in your own markets and channels. We're accredited suppliers on Avetta and Ecovadis, so you can be sure choosing Ecotile ensures you are working with a supplier that meets independent standards in terms of safety, quality, compliance and sustainability.

## Trade Contractors

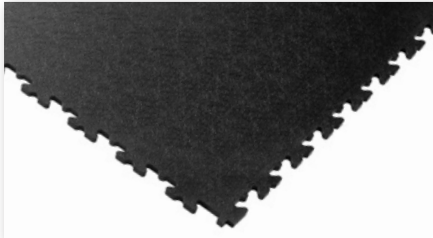
Ecotile is a contractor's dream. No special training or preparation is required to install an Ecotile floor, making it easy and efficient to incorporate into your approved products list and increase your offering to your customers. Whether you're a large flooring contractor, house builder, specifier, or a self-employed tradesperson, you can benefit from working with Ecotile.



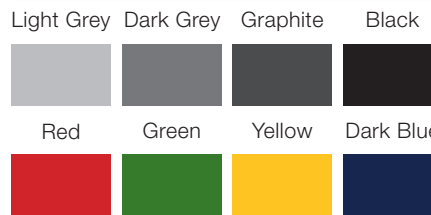
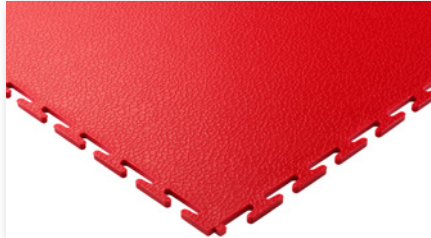


## Industrial and Commercial Interlocking Floor Tiles:

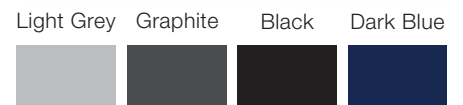
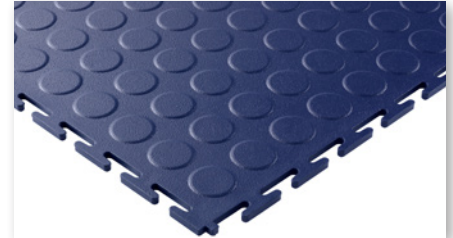
7mm Thick X-Joint



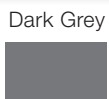
7mm Thick T-Joint



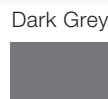
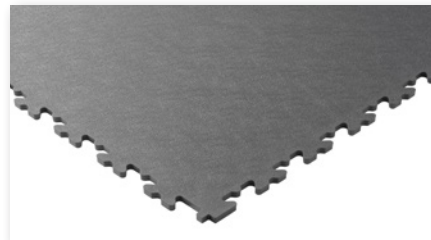
7mm Thick Raised Disc



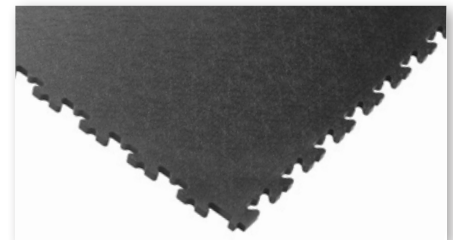
7mm ESD X-Joint



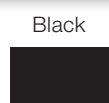
MX500/7 Super Conductive



10mm Thick X-Joint

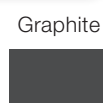
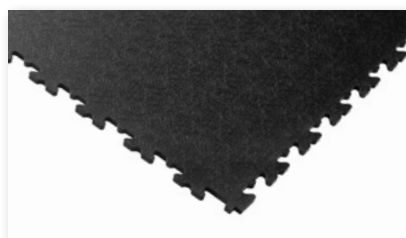


7mm Thick Anti-Fatigue

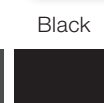
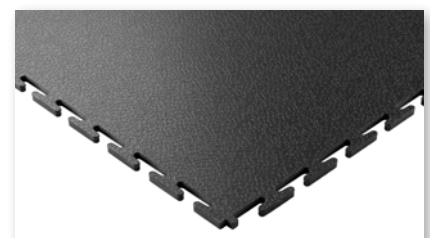


### Recycled Range

7mm X-Joint Recycled



7mm T-Joint Recycled



### Special Colours

If you require colour-matched or special colour tiles, please contact us or visit our website for full details and terms and conditions.

## The Original Interlocking Floor Tile

Available in two interlocking joint designs, our 7mm tiles are the go to solution for most applications, including factories, warehouses and commercial garages. Available in a smooth or raised disk texture.

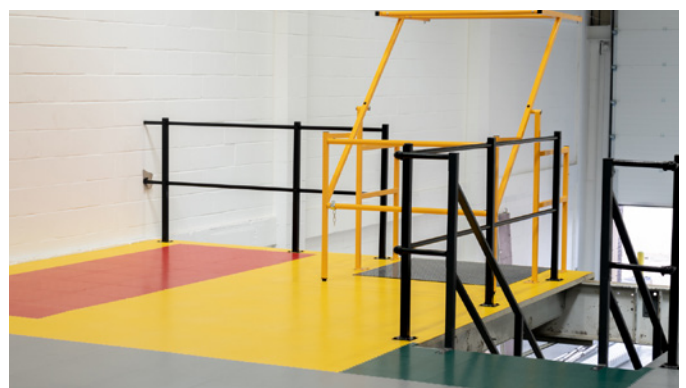
Our 7mm floor tiles can be laid directly over worn substrates (without adhesives) whilst your operations continue.

They're engineered to be highly durable and hardwearing, so you can comfortably operate fork trucks, pallet trucks and vehicles over the floor if you need to transport heavy materials or components.

## A Wide Range of Colours

Mix colours to create safety walkways and colour coded work zones around production lines, machinery, workstations and more.

With Ecotile, you can also incorporate logos, safety symbols and wording into your floor to create permanent and highly visual messages.



## Key Benefits

- Extremely hard wearing
- Quick and simple to install
- R10 anti-slip rating
- Protects the existing floor
- Bfl-s1 fire rating
- Resistant to chemicals
- 10 year warranty

## Built for Industry

Offering thermal and acoustic insulation and excellent resistance to impact and vibration, the 7mm tile is our best-selling product. It's perfect for...

- Manufacturing & Production
- Garages & Workshops
- Warehouses, Storage & Mezzanines
- Retail & Commercial
- Schools & Colleges
- Distribution & Supply Chain
- Defence & Aerospace



Ecotile manufacture high performance static-dissipative floor tiles that protect microelectronics, static-sensitive devices and explosives from damage caused by static discharge.

Our 7mm thick ESD interlocking floor tiles can be installed quickly and used in electronics manufacturing facilities, SMT circuit assembly/handling areas, cleanrooms, laboratories and data centres.

## Superior to ESD Vinyl

The key benefit of Ecotile is that it's an entirely modular system that can be laid directly over your existing floor without adhesives. Avoid the recurring hassle of applying vinyl; our ESD interlocking tiles tap together like a jigsaw, making it quick and easy to expand static controlled areas. You can even move tiles to a different location if you're in a leased building or need to repurpose floor space.

Whether you're looking to replace a failed or worn floor, or need to create a new Electrostatic Protected Area, Ecotile can be integrated into your static-controlled area without fuss.

- **Lifetime guarantee of ESD performance**
- **No disruption or downtime during installation**
- **Reusable (never lose your initial investment)**

## Reliable Defence Against Static

- **ESD performance never fades**
- **Move and reuse (ideal for leased spaces)**
- **Installable over almost any subfloor**
- **Embed ESD safety signs into your floor**
- **10 year warranty**



EN/ISO 61340/5, EN 1081,  
EN1815 & EN6356 ESD  
Flooring - Resistance to Ground



EN/ISO 61340/5, EN 1081,  
EN1815 & EN6356  
ESD Flooring - Surface Resistance

- **Surface resistivity:  $2.2 \times 10^4 \Omega$  to  $3 \times 10^6 \Omega$**
- **Resistance to ground:  $2.9 \times 10^4 \Omega$  to  $5.7 \times 10^5 \Omega$**
- **Electrostatic Propensity: < 10 Volts / < 2.0 kV**
- **Static Decay at 15% humidity: 0.01sec**

These test results guarantee that Ecotile complies with British Standard BS EN 61340-5-1:2016 and IEC 61340.



Developed over a 2-year period working with the UK's Ministry of Defence (MoD), Ecotile has created a new ultra-low resistance, modular electro-static discharge flooring solution for use in explosives processing facilities and areas where static shocks could be lethal.

Ecotile's new specialist dissipative tile has been designed to meet the Conductive Regime – a protocol required in areas where small static charges can cause OME (Ordnance, Munitions and Explosives) and EEDs (Explosive Electronic Devices) with ignition energies of 1mJ and below to ignite.

## The Approved Solution by The MoD

With a 10-year warranty, and an expected service life of 25 years+, the Defence Ordnance Safety Group highlighted in their technical assessment document that Ecotile's MX500 tile offers some significant advantages when compared to other currently approved military ESD surfaces:

The ability to replace solitary tiles if any damage occurred to the floor was noted as a key cost and time saver. Modular ESD tiles will minimise disruption to operations or downtime of a defence asset, whilst providing significant financial savings.

- **Average surface resistivity: 26.4K $\Omega$**
- **Resistance to ground: 1.8 to 9.9k $\Omega$**

**Product conformant to requirements of both DSA 03. OME Part 2 – Chapter 8 and ESTC Standard No.6 Part 1**

## Perfect for The Defence Estate

- **Explosives processing facilities**
- **Ammunition Process Buildings**
- **Explosive Category C & D buildings**

## Experienced in The Defence Sector

Ecotile provides a partnership approach to supporting the work of contractors within the defence estate. Trusted by leading providers, we deliver a guaranteed product and specialist installation service. All our install team are verified and experienced at operating within military estates, so choosing Ecotile will provide you with guaranteed product performance and a tried and trusted team.





Ecotile's new anti-fatigue modular floor tiles are engineered to instantly provide comfort and safety around workstations and machinery.

Like all Ecotile flooring, our anti-fatigue tile is designed for industry. It's tough enough for heavy traffic, yet soft enough to make a difference to your teams' comfort, well-being and productivity.

100% interchangeable with our original E500/7 industrial tiles, they're designed to be quickly inserted within an Ecotile modular floor to create an uninterrupted no trip floor finish.

## Connects with Ecotile E500/7

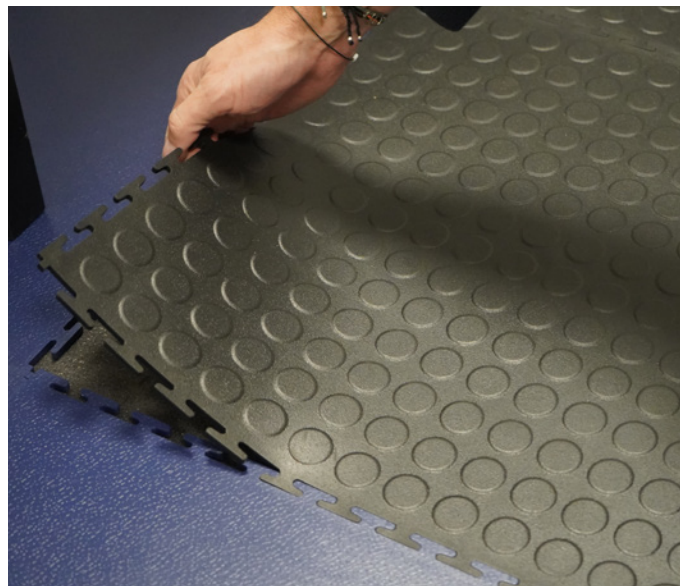
- Insert within Ecotile modular floor
- No need for loose anti-fatigue matting
- Use original tiles for fork-lift areas
- Use anti-fatigue tiles for workstations
- Create bespoke layouts to fit machinery
- Won't curl or move under equipment
- No adhesives required, lay-and-use
- Easily lift and relocate
- Quickly change operational layouts
- Ergonomic raised disc surface finish

## Create The Perfect Workspace

Our anti-fatigue flooring offers many benefits in the workplace, particularly in environments where employees are required to stand for extended periods. Simply insert Ecotile anti-fatigue tiles where you need them to:

- Reduce fatigue and discomfort
- Be comfortable underfoot
- Improve productivity
- Prevent musculoskeletal disorders
- Enhance safety
- Improve circulation
- Insulate from cold floors

Ecotile anti-fatigue tiles can also be used to create a standalone anti-fatigue area on top of an existing subfloor too. Simply add yellow ramps around the anti-fatigue tiles to provide a safe, highly visible yet more comfortable workspace for your colleagues.





# ecotile 10mm Ultra Heavy-Duty Tiles

Our award-winning floor tile is also available in an ultra heavy-duty 10mm version. It's packed with 42% extra thickness compared to our bestselling 7mm industrial tile. It's designed specifically for environments where excessive forces and vehicles with heavy point loads are at work. Our 10mm floor tiles are engineered for incredible strength and performance in the most demanding settings.

## 10mm Ecotile Withstands:

- 3-wheeled forklifts (with heavy loads)
- Heavy vehicles with tight turning circles
- Large forklifts and frontloaders
- Narrow aisle stackers
- HGVs executing tight manoeuvres
- Aircraft

## The Ultimate Floor Covering

As with all Ecotile products, our 10mm tiles are designed to be loose-laid. Meaning they're quick and simple to install. They can be fitted in sections, allowing you to continue operations during installation. And they're ready to use immediately, without the curing or drying time associated with floor paints or screed. Plus, they're perfect for areas where subfloors are more uneven and worn. So, you can save time on rectifying minor subfloor undulations too.

## Choosing the Right Tile For You

Ecotile's 10mm ultra heavy-duty interlocking floor tiles are extremely tough. They can easily withstand heavy loads, high traffic movements and the rigours of exceptional industrial use.

However, our original and bestselling Ecotile 7mm tiles are the go to solution for most industrial environments. Used throughout the world, they enhance floors in factories, warehouses, workshops and even retail outlets.

All Ecotile industrial floor tiles enable businesses to drastically improve the appearance and performance of high-traffic areas while offering excellent slip resistance, shock absorption and impact protection. Not to mention the class 1 fire certification.



## Sustainable & Recycled Flooring

All Ecotile floor tiles are guaranteed to be 100% recyclable, so you can be confident that your floor tiles won't leave a mark on the environment. Ecotile products are designed to be installed without adhesives, so that's another way you and your business can lower your impact on the environment.

## Meet Your Environmental Strategy

For businesses looking to procure sustainable industrial flooring to match their environmental strategy, Ecotile have you covered. As well as all our tiles being recyclable, we also produce a range of 100% recycled tiles too.

## Reduce Our Footprint. And Yours.

We take responsibility for how we source, use and recycle the materials used to create our products. This means sourcing high-quality PVC responsibly and assuring full traceability in all our floor tiles.

Reducing waste and increasing reuse and recycling is vital to conserving the world's resources. We always aim to eliminate landfill waste and ensure that our products are durable, long-lasting and reused for years to come.

## Our Buy-Back & Take-Back Schemes

We aim for Zero to Landfill, and we're committed to creating a more sustainable procurement model for our customers. Our **Buy-Back & Take-Back** schemes help businesses reduce their impact on the environment too.

Customers can get in touch when their tiles reach the end of their service life. We'll arrange to repurchase or collect old Ecotile Original floor tiles and recycle them. We're UK-based and have our own recycling facilities on-site in our ISO14001 accredited premises, helping us create a more sustainable solution.

When you choose Ecotile, you're futureproofing. When the time comes, you know that you can turn your old flooring into something good for your business and the planet.

- **Free collection & recycling**
- **We'll pay you for quantities over 30m<sup>2</sup>**
- **No restriction on colour or thickness of tiles**
- **No disposal costs or hassle**
- **Working together for Zero to Landfill**





## Our Recycled Tile Range

If you want the ultimate in sustainable flooring, our recycled floor tiles fit the bill. These tiles are only manufactured from 100% recycled original Ecotiles or our carefully sourced recycled PVC compound. We can guarantee that they'll retain their original quality and that you'll never find any nasty foreign materials inside that could compromise your floor.

## RX500 Recycled Tiles

Our RX500 tiles have excellent environmental credentials. Available in black or graphite, with an R10 slip rated surface texture, you can choose between 7mm or 10mm to solve your flooring needs. They're made from 100% recycled materials, are REACH compliant, and can contribute to your carbon offsetting company goal.

## R500 Recycled Tiles

Engineered in our original T-joint design, R500 7mm industrial floor tiles are available with a smooth surface or raised disc finish. A choice of black or graphite tiles provides the option to create different coloured work zones, walkways or creative flooring layouts.

## No Compromise on Performance

Whichever Ecotile range you choose, they're guaranteed to be robust, long-lasting and built for industry. Every Ecotile floor tile is made from solid PVC to give optimum protection to subfloors and maximum strength in demanding industrial and commercial environments.

As well as full traceability, every Ecotile product has significantly lower VOC levels when compared to resin-based flooring systems, or other floor coverings that require the use of adhesives to stick them down. Ecotile contains no formaldehyde and carries a class E1 rating.

### All Ecotile Floor Tiles:

- Low VOC Levels (especially vs resin)
- No formaldehyde
- Class E1 rating
- R10 slip rating
- Full material traceability
- 25+ year anticipated lifespan



Add impact to your Ecotile floor by incorporating permanent floor markings. We can embed any logo or image into your Ecotile floor to create a highly visual sign or message. The logo tiles can be printed or cut with a water jet CNC for a more permanent design.

**Company Logo Tiles:** Place your sales message or logo where it will really get noticed and enhance your company's image and profile.

**Badges & Insignia:** Almost any design can be incorporated into your Ecotile floor.

**Hazard Warning / Floor Safety Signs:** Statutory Health and Safety Regulations require every company to display the appropriate health and safety signs. We are able to manufacture the full range of warning signs, prohibitory signs and mandatory signs.



## Applications

- In-Shop Displays
- Exhibition Stands
- POS
- Safety Hazards
- Demonstration Areas
- Warning Signs
- Guidance for Fire Exits
- Showrooms

## ecotile Accessories

### Ramps, Diminishing Strips & Thresholds

<b>57.101/1</b>	Connecting ramp sections available in all standard colours and thicknesses. Contact us for more information.
<b>57.100/1</b>	Connecting ramp corner sections available in all standard colours and thicknesses. Contact us for more information.
<b>40.722</b>	2.5 metres of PVC skirting board - dark grey
<b>40.704</b>	2 metres of diminishing ramp strip - dark grey

### Cleaners, Specialist Sealers & Polishes

<b>45.900</b>	Anti-colour stain prevention sealer - Use to prevent plasticiser migration from rubber tyres, colour dyes etc.) *
<b>45.200</b>	ESD general purpose floor cleaner
<b>45.100</b>	Heavy duty degreaser
<i>All products marked * require application by qualified installers, please contact us for further details.</i>	
<b>45.750</b>	Ecotile floor cleaner
<b>45.600</b>	Ecotile floor stripper
<b>13.232</b>	ESD logo tile

Please contact us for help and advice with adhesives, sealers and polishes.





## Support Every Step of The Way

As a British manufacturer, we take immense pride in our reputation for delivering exceptional products and providing top-notch client service. From first enquiry to delivery, installation to after care, we're here for our customers.

Our best in-class customer service team offer unrivalled experience and expertise. They pride themselves on being friendly, knowledgeable, customer focussed and very accessible. With the Ecotile team, you're in safe (and dedicated) hands.

## Project Help and Advice

We'll always give honest and transparent guidance, to ensure you get the right solution to your flooring challenges. Need expert technical advice for those trickier projects? Our production and technical team are ready and available to help.

If you're not sure how to solve your flooring problem and want to meet face to face, we've got you covered. Our field sales team offer free site visits to help ensure you choose the best solution for your specific needs.

## Installation Options to Suit You

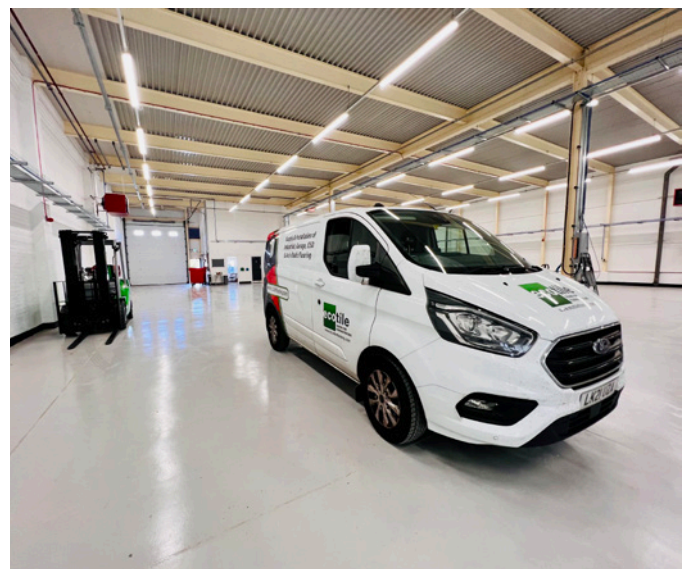
We have a professional installation team available who are experienced, friendly and efficient. They'll have your new Ecotile floor laid and ready for you to use in a matter of hours. All whilst causing as little disruption to your operations as possible.

We also offer comprehensive advice if you're installing Ecotile yourself. Plus, we work with a network of trade and flooring contractors, so however you want to install your new floor, we can help find the right solution for you.

## Available All Over The World

Ecotile flooring has been installed in thousands of organisations across the globe, with British standards giving our customers peace of mind for quality and durability. We have a fully accredited export team, who work with the Institute of Export and the Chamber of Commerce. We offer smooth completion of paperwork, provide Certificate of Origin / EORI Number and commercial invoicing with HS Codes.

We regularly ship throughout Europe (Including Northern Ireland), Australia, The Americas, South Africa, The Middle East and India.



**Life Cycle Cost** - Ecotile is a loose laid system so in the event of damage or excessive wear individual tiles can be lifted and replaced significantly extending the life of the floor and reducing the life cycle cost.

**Sustainability** - Ecotile is 100% recyclable, at the end of its service life the tiles can be granulated and re-used to manufacture a new floor. Most floor coverings only have a limited life span due to wear or the building occupier's wishes to refurbish or alter the building's appearance. Most waste floor coverings will end up in landfill due to the fact that once it has been adhered to the floor it cannot be re-used. Not only can ecotile be recycled but there is a strong market for pre-owned tiles.

**Anticipated Service Life** - 25 years +

**VOC Content** - Trace elements of volatiles from modifiers and non PVC based additives. Significantly lower VOC levels when compared to resin based flooring systems or the levels encountered when using adhesives to stick down conventional floor coverings. Ecotile contains no formaldehyde and carries a class E1 rating.

**Sound Absorption** - Noise reduction of up to 46db can be achieved.

**Hardness** - Standard ISO 868 – 5mm, 7mm and 10mm – 89-92 Shore A.

**EN 14041:2004** - Pass - Average reading in excess of 0.6 dynamic coefficient of friction.

**DIN 51130:2004 - R10 Rating** - Suitable for use in areas where there is an increased risk of slipping.

Surface	EN14041:2004 - Dynamic coefficient of friction	DIN 51130 - Determination of slip resistance.
Raised Disk	≥0.56	R10
Smooth	≥0.67	R10

- **Fire Performance** does not support combustion and achieves Class 1 spread of flame when tested to BS 476: Part 7 / DIN 13501: 2004 - Bfl-S1

- **Abrasion Wear** - Group T (<0.1mm /100 revs) (EN 660-2 / EN13845).

- **Mechanical Resistance** - 17 N/mm<sup>2</sup> to DIN 53516.

- **Determination of Length, Squareness & Straightness** - BS EN 428:1993 - <0.13% / 0.5mm max.

- **Thickness** - BS EN 428 – 4.5 to 9.24mm +/- 0.15mm.

- **Determination of Residual Indentation** BS EN 433:1994 - <0.1mm / Dimensional Stability - BS EN 434:1994 – Maximum change in dimension <0.1% / Compressive Strength - ISO 6721-1:1994, ISO 6721-2:1994, ISO 6721-6:1996: 520kg/cm<sup>2</sup>

- **Dimensional Stability** - BS EN 434:1994 – Maximum change in dimension <0.1%.

- **Compressive Strength** - ISO 6721-1:1994, ISO 6721-2:1994, ISO 6721-6:1996: 520kg/cm<sup>2</sup>.

- **Chemical Resistance** - Good resistance to most commonly used chemicals. Ecotile offers good short to medium term resistance but as with most materials long term exposure could result in damage to the elastomer, colour and stability of the tile. In the event of accident we recommend the tiles are cleaned as soon as possible and if necessary lifted to remove any chemical that may have seeped underneath.

EN 13529 – Common acids oils & gas oil – No deterioration / Solvents – Not resistant to prolonged contact.

- **Colour Fastness / Resistance to Natural Light:** EN 20105-B021 - 5 (no damage).

- **Cleaning** - Day-to-day cleaning - Use a rotary scrubber dryer or damp mopping.

- **Electrical Properties** - Ecotile standard: surface resistivity: 10<sup>11</sup> and 10<sup>14</sup> Ω / Ecotile ESD: surface resistivity: 3 x 10<sup>6</sup>Ω and 2.2 x 10<sup>4</sup>Ω / Resistance to ground : 5.7 x 10<sup>5</sup>Ω and 2.9 x 10<sup>4</sup>Ω.

- **Mechanical Resistance** - Tests were carried out in accordance with the requirements of Annex A.1 of BS IEC 61340-5-1:2001. Ecotile ESD fulfils the recommendations detailed in BS EN 61340 5-1:2016 for floors to be used for primary grounding.

- **Resistance to Hot Objects/Solder** - Good.

- **RAL Colours** - Due to the manufacturing process we cannot guarantee a precise match to a RAL colour and the following list is provided as a guide only: Graphite: RAL7016, Black - RAL9017, Light Grey - RAL7004, Dark Grey - 7015, Dark Blue - RAL5013, Green - RAL6026, Red - RAL3020 - RAL3009, Yellow - RAL1023.

- **Usage Classification** - Code of Practice BS 8203:2001 / EN 685 – Class 43.





Product Data		
Dimensions	Thickness - Smooth	Thickness - Raised Disk
500 x 500mm	E500/7 - 6.8mm	E500/7 + AF500/7 - 7.6mm
497 x 497mm	X500/7 - 6.8mm	-
500 x 500mm	E500/10 + X500/10 - 9.53mm	-
500 x 500mm	E500/7/ESD - 6.8mm	-
497 x 497mm	X500/7/ESD + MX500/7/EED - 6.8mm	-
Weight/m <sup>2</sup>	Packaging	
7mm Tiles - 8.86kgs/m <sup>2</sup> / Raised Disk 9.1kgs/m <sup>2</sup> 10mm Tiles - 11.24kgs/m <sup>2</sup>	Pack Size: 10 tiles per box 2.5m <sup>2</sup> per box	



EN 649 - Homogenous Flooring  
EN 13845  
ASTM F1303



ENHANCED SLIP: Sustainable wet slip resistance EN 14041: 2004 - Pass / DIN51130:2004 - R10 - Suitable for use in areas where there is an increased risk of slipping due to grease, oil water etc. Mean surface roughness Rz ≥37µm The slip resistance across all ecotile products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines.



REACTION TO FIRE: EN 13501-1 Class Bfl-S1  
EN ISO 9239-1 ≥8kw/m<sup>2</sup>  
EN ISO 11925-2 Pass / ASTM E648 Class 1



EN 423 GOOD



Impact Resistance  
EN13329 -  
549 549kg/cm<sup>2</sup>



\* EN/ISO 61340/5, EN 1081,  
EN1815 & EN6356  
Resistance to Ground



EN 13845 50K cycles EN 649 Group T



Noise Reduction  
EN 140-8 >46db



\* EN/ISO 61340/5, EN 1081,  
EN1815 & EN6356 -  
Surface Resistance



Thickness of wear layer EN 428 6 to 10mm

Notes: \* relates to E500/ESD

## Accreditations:



ecovadis





# Industrial & Commercial Flooring Solutions

For further information contact:

**Head Office & Factory**

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