

Usage Guidelines

Ergoflor 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.

Ergoflor MUST BE ADHERED IN AREAS WHERE:
 A. Forklift, pallet or electric 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 great variations in temperature.
 F. Exposed to direct sunlight.

*If further information is required please consult our sales team.
 Failure to follow these instructions may invalidate your warranty.*

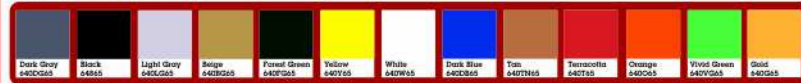
Technical Specification	Norm	Ergoflor Open-loc Industrial hard Textured, Studded 5, 5.5 & 7mm	Ergoflor Open-loc Commercial Soft Textured, Studded 5mm	Ergoflor X-loc Chequer Plate Textured 4 & 5mm	Ergoflor Hidden-loc Slate 5mm
Tile Dimensions		5mm: 516x516mm (10 Tiles per Pack) 7mm: 516x516mm (8 Tiles per Pack)	516x516mm (10 Tiles per Pack)	4mm: 508x508mm (8 Tiles per Pack) 5mm: 508x508mm (10 Tiles per Pack)	450x450mm (6 Tiles per Pack)
Weight		5mm: 7.6kg/m ² 6.5mm: 8.96kg/m ² 7mm: 10kg/m ²	7.6kg/m ²	4mm: 5.8kg/m ² 5mm: 7.6kg/m ²	6.96kg/m ²
Hardness	ISO868	92 Shore A	82 Shore A	4mm: 82 Shore A 5mm: 92 Shore A	82 Shore A
Material		PVC SGI 1.45	PVC SGI 1.40	4mm: PVC SG 1.37 5mm: PVC SG 1.45	PVC SG 1.30
Thickness	BS EN 428	6.5mm ± 0.2mm	5mm ± 0.2mm	4mm ± 0.2mm	5mm ± 0.2mm
Abrasion	BS EN 660-2	Wear Group P	Wear Group P	Wear Group P	Wear Group P
Caster Wheel	BS EN 425	No Damage	No Damage	No Damage	No Damage
Indentation	BS EN 433	0.1mm	0.1mm	0.1mm	0.1mm
Fire Class	EN 13501-1	BFL s1	BFL s1	BFL s1	BFL s1
Electrical Resistance	BS EN 1081	≤ 10 ⁹ Ω	≤ 10 ⁹ Ω	≤ 10 ⁹ Ω	≤ 10 ⁹ Ω
Anti Slip	BS EN 13893 Deutsche Norm DIN 51130	Anti Slip DS R10	Anti Slip DS R10	Anti Slip DS R10	Anti Slip DS R10
Chemical Resistance	BS EN 423	Good	Good		
Light Fastness (Blue Wool Standard)	BS EN 20105 - B02	7BWS / 5GSR	7BWS / 5GSR	7BWS / 5GSR	7BWS / 5GSR
Thermal Conductivity	ISO 8302	0.03807m2K/W	0.0272m2K/W	0.0218m2K/W	0.0272m2K/W
Electrostatic Behaviour	BS EN 1815	2kV	2kV	2kV	2kV
Flexibility	BS EN 435	Flexibility No Cracking	Flexibility No Cracking	Flexibility No Cracking	Flexibility No Cracking
Dimensional Stability Before Exposure to Heat	BS EN 434	0.11%	0.11%	0.11%	0.11%
Dimensional Stability After Exposure to Heat	BS EN 434	Average 0.15	Average 0.15	Average 0.15	Average 0.15
Density	BS EN 436: 1994	Average 1404kg/m ³	Average 1404kg/m ³	Average 1404kg/m ³	Average 1404kg/m ³

Colour Ranges

Industrial, Commercial, Textured & Studded Colours



Commercial Chequer Plate Colours



Domestic Slate Colours



Domestic Slate also available in Tuscany Colours



Interlocking Floor Tile System



TR FLOOR SYSTEMS

Interlocking the UK

TR Floor Systems brings together a team of experts that have over 25 years experience supplying specialist flooring solutions into a wide range of industrial and commercial buildings.

We are committed to providing cost effective and practical flooring systems that can be installed with minimal impact to both workplace activities and the environment.

Ergoflor

Interlocking floor tiles

Our range of Ergoflor interlocking floor tiles are a new and exciting addition to the flooring industry, providing the ideal solution to often impossible flooring installations. We at TR Floor Systems have successfully installed this type of system into leading manufacturing companies, warehouses, retail outlets, sports and educational establishments.

Ergoflor tiles are manufactured from injection moulded PVC using both virgin and regulated recycled compounds. The tiles are loose laid and have excellent resistance to both high foot traffic and heavy wheeled loads including forklifts.

Ergoflor

Key benefits:

- Quick fit interlock system
- Ideal for fast-track refurbishments
- Minimal surface preparation
- Operational areas can remain open at installation
- Floor can be trafficked immediately
- Environmentally friendly



Ergoflor

The sustainable solution

At Manufacturing

All of our Ergoflor interlocking PVC tiles are manufactured using either virgin or recycled plastic content and at the end of their service life the tiles are 100% re-cyclable and 100% re-usable.

At Installation

Ergoflor tiles are designed to overlay existing floors, which means there is no waste to be incinerated or taken to landfills. Except in certain conditions the tiles are loose laid without the need for adhesive and so there are zero VOC emissions

Post installation

A typical installation will normally result in a percentage of the ordered material being left over. TR Floor Systems will remove all waste PVC and return for recycling for use in new products.

End End of service life

Increasingly customers are keen to see their flooring recycled at the end of life. This is not normally an option for most flooring materials, the majority of the waste being incinerated or sent to landfills. Ergoflor is 100% recyclable, at the end of its service life the tiles can be granulated and re-used to manufacture new tiles



Ergoflor

Main Advantages

Fast to install

Loose lay with minimal or no surface preparation required.*

Minimal Disruption

Occupied areas can remain open during installation.

Load & Impact Resistant

Highly resistance to compression, will not break or crack under heavy impact.

Strong & Durable

Excellent resistance to high volume foot traffic and vehicular traffic.

Absorbs sound

Helps reduce noise levels from circulating traffic.

Insulating

Adds comfort and warmth underfoot from cold and damp subfloors.

Fire Retardant

Tested to EN13501-1 Class Bfl s1

Reduces dust

Generated from old concrete and damaged floors.

Ergonomic

Comfortable to walk and stand on with good slip resistance.

Low Maintenance

Easy to clean and maintain.

Flexible Layout

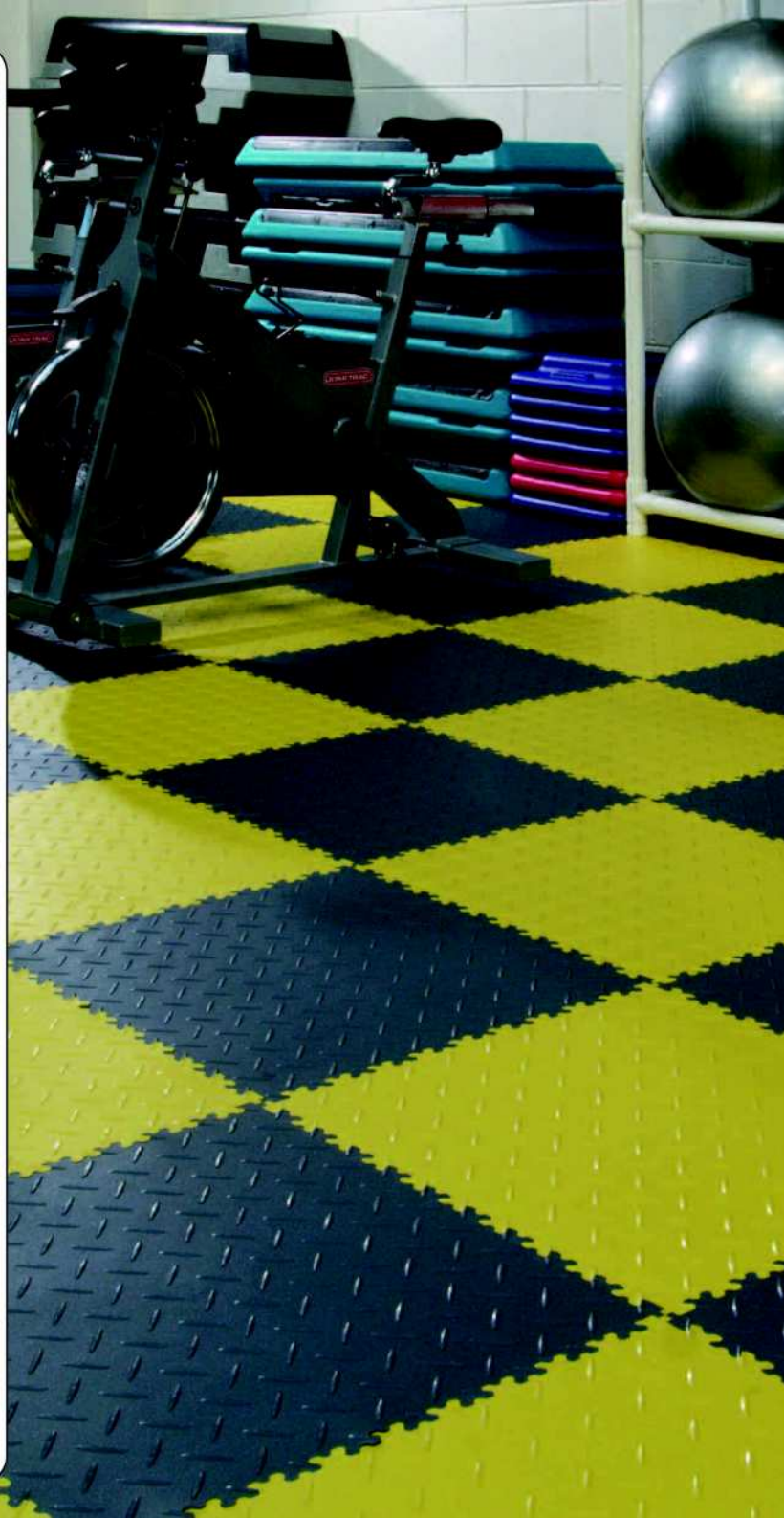
Can easily be taken up and relocated.

Ecological

100% recyclable** & zero VOC emissions.

*In some exceptional applications Ergoflor may require adhering. Please contact us for further information.

**At the end of the floors service life TR Floor Systems will collect your used floor tiles and granulate for recycling.



Ergoflor

Transforming Environments

Industrial



Automotive



Retail



Warehouses



Education



Leisure



Electronics/ESD



Garages



Ergoflor

Product Range

Ergoflor Open-loc

Finish: Textured or Studded

Dimensions: 516mm x 516mm

Thickness: 5mm, 6.5mm (textured)
7mm (studded)

Weight: 5mm—7.6kg/m²
7mm—10kg/m²

Hardness: Hard 92 Shore A
Soft 82 Shore A

Ramps: 530mm x 75mm

Corners: 900mm x 75mm

Colours: 10 colours
(see Specification)



Ergoflor X-loc

Finish: Textured or
Chequer Plate

Dimensions: 508mm x 508mm

Thickness: 4mm (Chequer Plate)
5mm (Textured)

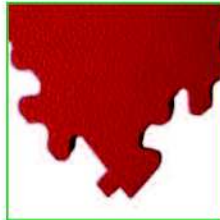
Weight: 4mm—5.8kg/m²
5mm—7.6kg/m²

Hardness: 5mm 92 Shore A
4mm 82 Shore A

Ramps: 520mm x 75mm

Corners: 900mm x 75mm

Colours: 10 colours
(see Specification)



Ergoflor Anti-static

We can also manufacture Ergoflor in a special compound for installation into static sensitive areas.

Please contact us for more information.



Ergoflor

Product Range

Ergoflor Hidden-loc

Finish: Slate

Dimensions: 450mm x 450mm

Thickness: 5mm

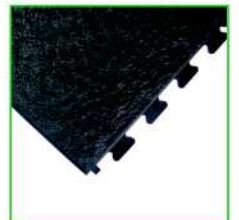
Weight: 5mm—6.96kg/m²

Hardness: Soft 82 Shore A

Ramps: N/A

Corners: N/A

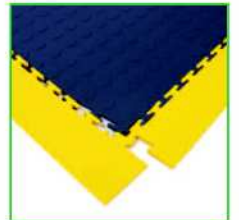
Colours: 19 colours
(see Specification)



Ergoflor Edges Ramps

Ergoflor is available with a unique corner and edge system which can be used to reduce trip hazards and also to create mat areas.

Available in packs of 4



Visionflor Printed Tiles

Incorporate floor signage, messages, images or corporate logos into an Ergoflor tile system, with our printed Visionflor tiles. Contact us for further details.

