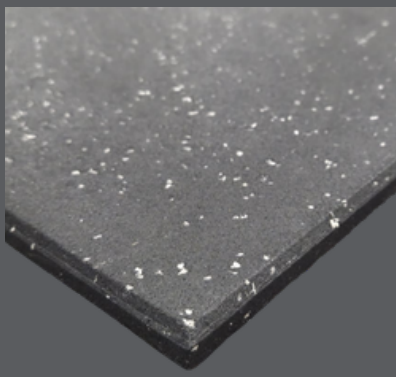
Heavy-duty gym flooring built for performance



Terrafit Active Tiles feature the same durable surface finish as our Active Rolls, now in an easy-to-install tile format with bevelled edges for an attractive finish. Manufactured from high-density SBR rubber, they offer excellent durability, impact resistance, and load-bearing performance, making them ideal for intensive gym environments. Perfect for areas that traditionally rolled rubber would have been installed.

Dimensions
10mm and 15mm : 1m × 1m

Colours available
Plain black, grey fleck & bespoke colours available

Available Thicknesses
10mm & 15mm

Installation method
10mm is recommended to be bonded, 15mm can also be bonded but also suitable for loose lay. It is recommended to leave the product for 48 hours to acclimatise

Scan to visit our Terrafit product page

CERTIFICATIONS

ISO 9001:2015

ASTM E648, E492, E2179 E648, E3152-18

LABOSPORT EN1177, EN71

REACH Compliant

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Technical performance & properties

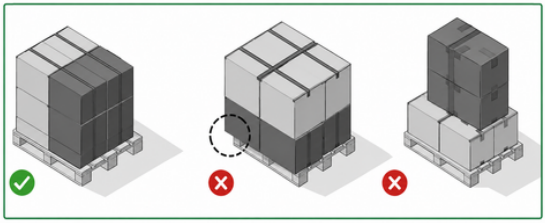
PROPERTY	TEST METHOD	TEST RESULT
Tear Resistance	ASTM D 624	13.6–16.2 kN/m
Shore A Hardness	DIN 53505	60 ± 5 Shore A
Compression Set	DIN 53517	15%
Abrasion Resistance	DIN 53516	164–178 mm^3
Tensile Strength	EN ISO 1798	2.0–2.4 N/mm^2
Elongation at Break	EN ISO 1798	166–201%
Coefficient of Friction	EN 13893:2002	0.47
Fire Classification	DIN EN 13501-1	B2 / Efl*
Light Fastness	DIN EN 105-B02:1999-09	2–3
Electrostatic Properties	DIN EN 1815:1995-06	0.5 kV
Remaining Deformation	EN 433:1994-11	0.13 mm
REACH		Compliant
Standard Tolerances	Length x Width	1-2%

CERTIFICATIONS

ISO 9001:2015 · ASTM E648, E492, E2179 E648, E3152-18 · LABOSPORT EN1177, EN71

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Installation



Store tiles indoors in a climate-controlled area between 65°F (18.3°C) and 85°F (29.4°C) with 40%-60% humidity.

After installation, maintain a minimum temperature of 55°F (12.8°C). Stack cartons on a fla

surface, avoiding over stacking.

Protect carton corners from damage.

Avoid storing on edges or double stacking pallets.

Shield products from direct sunlight during storage.

When product arrives at installation site, remove from pallet and leave to acclimatise for 24 hours.

KNOW YOUR TOOLS

Before beginning the installation process, gather the necessary tools such as safety gloves, measuring tape, utility knife, trowel, and roller.



Ensure safety by wearing the provided safety gloves throughout the installation process.

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Installation

1. Storage & Acclimatisation

Tiles should be delivered to site and stored in the area where they are to be installed wherever possible.

Before installation:

Remove all packaging and restraints from the pallet.

Remove the tiles from the pallet and allow them to relax and acclimatise before fitting.

Tiles should ideally be laid flat during acclimatisation rather than left tightly stacked or strapped.

Allow a minimum of 24 hours for the rubber to stabilise to the temperature and conditions of the installation area.

The installation area should be enclosed, dry and at its normal operating temperature.

Rubber is a natural flexible material and can expand or contract depending on temperature, storage and site conditions. Acclimatisation helps minimise dimensional differences during installation.

2. Subfloor Preparation

The subfloor must be:

Firm and structurally sound

Flat and level

Clean and free from dust, dirt and debris

Dry and free from standing moisture

Free from significant cracks, ridges or surface defects

Any uneven areas should be repaired or levelled before the rubber flooring is installed.

The tiles should not be used to compensate for an uneven or unsuitable subfloor.

3. Check the Tiles Before Installation

Before starting the installation, unpack and inspect the tiles.

As moulded rubber products can have minor dimensional tolerances, tiles should be allowed to acclimatise before final positioning.

Where possible, tiles should be taken from several pallets or packs and mixed during installation. This helps distribute any minor differences in dimensions or appearance across the finished floor.

Do not install damaged tiles.

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Installation

4. Setting Out

Before fixing or connecting the tiles, dry-lay part of the floor to establish the best starting position and minimise unnecessary cuts.

We recommend installing the tiles in a brick-bond / staggered pattern rather than aligning all four corners in a straight grid.

The joints of each successive row should therefore be offset from the previous row.

Brick-bond installation:

Helps distribute minor dimensional tolerances

Reduces the visibility of continuous joint lines

Provides a more consistent finished appearance

Helps avoid four tile corners meeting at the same point

5. Installation

Begin installation from a straight reference line or suitable fixed edge.

Install the tiles progressively across the room, ensuring:

Tiles are laid flat and are not stretched during installation.

Edges are brought together firmly without excessive compression.

Tiles are not forced into position.

Each row remains square and correctly aligned.

Joints are checked regularly as the installation progresses.

Where the tile system incorporates connecting clips, all clips should be correctly located and fully engaged in accordance with the tile system design.

Do not attempt to compensate for dimensional differences by excessively stretching or compressing individual rubber tiles.

6. Perimeter Areas

Rubber flooring will naturally react to changes in temperature and environmental conditions.

The installation should therefore not be fitted excessively tightly against perimeter walls, columns, door frames or other fixed objects.

A suitable perimeter allowance should be maintained where required and subsequently covered by skirting, trims or appropriate edge detailing.

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Installation

7. Cutting

Tiles can be cut using a suitable heavy-duty flooring knife and straight edge, making several controlled passes rather than attempting to cut through the full thickness in one movement.

For thicker rubber tiles, suitable professional cutting equipment may be required.

Always measure individual perimeter cuts rather than assuming walls are perfectly straight or square.

8. Ramps & Edging

Where transition ramps are being installed, these should be positioned after the main floor area has been set out.

9. During Installation

Regularly inspect the floor as work progresses.

Check:

Joint consistency

Tile alignment

Brick-bond pattern

Connection of clips where applicable

Perimeter detailing

Any noticeable dimensional differences between tiles

It is much easier to make adjustments during installation than after the entire floor has been completed.

10. Important Information

Moulded rubber flooring is a flexible product. Small dimensional variations, expansion and contraction can occur naturally due to manufacturing tolerances, temperature, storage and environmental conditions.

Correct acclimatisation, subfloor preparation, setting out and installation in a staggered brick-bond pattern will help minimise the visual effect of these natural characteristics and provide the best overall finished appearance.

The flooring should always be installed by a competent flooring installer and in accordance with any project-specific requirements provided by RCPL.

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