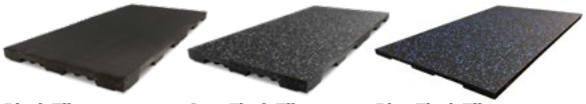
FREE WEIGHT TILES

USAGE

- Olympic Lifting
- Free-weight areas
- Functional Training
- Strength & Conditioning



Black Tile **Grey Fleck Tile** **Blue Fleck Tile**

54%

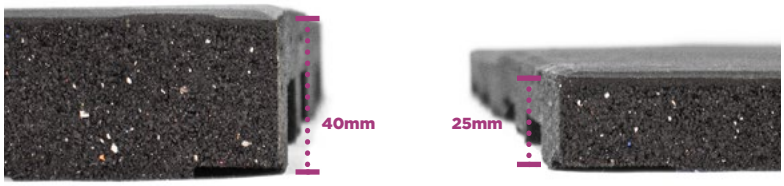
52%

A versatile dual-layered free-weight tile designed for impact absorption and ease of fitting. Available with a smooth 2mm impact layer bonded to either a 23mm or 38mm recycled rubber base layer.

- Tiles measure 1000mm x 500mm x 25mm / 40mm
- Easy to use tile joining clips (included) reduce tile movement and aid installation
- Dimpled under surface aids sound absorption and reduces overall weight
- Tile density – 1200kg/m3
- Surface friction coefficient (UK) 0.930
- Tolerance Length / Width +-1.5%
- Clegg Test (3ft drop) - 141 Gmax (g)
- Black tile reducers & corners available

Dimensions – L 1000mm x W 500mm x H 25mm/40mm (Tile)
Installation available
Warranty – 5 years

TILE PROFILES



REDUCER PROFILES

PRODUCT CODES

DT25	**Tile p/sqm 1m x 0.5m x 25mm**	**Black Tile**
DT25B	**Tile p/sqm 1m x 0.5m x 25mm**	**Black Tile, Blue Fleck**
DT25GY	**Tile p/sqm 1m x 0.5m x 25mm**	**Black Tile, Grey Fleck**
DTE25C	**Reducer 1m x 0.25m x 25mm > 3mm**	**Black**
DTC25C	**Moulder Corner 0.5m x 0.25m x 25mm**	**Black**
DT40	**Tile p/sqm 1m x 0.5m x 40mm**	**Black Tile**
DT40GY	**Tile p/sqm 1m x 0.5m x 25mm**	**Black Tile, Grey Fleck**
DTE40C	**Reducer 1m x 0.25m x 40mm > 5mm**	**Black**
DTC40C	**Moulder Corner 0.5m x 0.25m x 40mm**	**Black**

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TECHNICAL SPECIFICATIONS

Physical performance	Standard	Result
Slip resistance	EN 13893	Technical Class DS
Sliding Properties	DIN 51130	R10
Thermal conductivity	EN 12667	0.120 W/(m.K) (25mm tiles)
Thermal resistance	EN 12667	0.141 (m2.K)/W (25mm tiles)
Maximum fall height	EN 1177	0.85m (25mm tiles) - 1.10m (40mm tiles)
Shock absorption	EN14904	51% (25mm tiles) - 54% (40mm tiles)
Vertical deformation	EN14904	2.6mm (25mm tiles) - 3.2mm (40mm tiles)
Sound Absorption Coefficient	ASTM C423	0.10 Sabin/ft2
Impact Insulation Class(IIC)	ASTM E492/ASTM E989	60 (25mm tiles)
Sound Transmission Coefficient(STC)	ASTM E90/ASTM E413	52 (25mm tiles)
Impact Sound Improvement Rating	ISO 10140-3	25dB(25mm tiles)

Chemical performance	Standard	Result
Pentachlorophenol	EN 14041 & EN12673	pass
Formaldehyde	EN 717-1	E1
Resistance to Chemicals	ASTM F925	No change in surface
Fire rating	EN 13501-1	Efl
SVHC	REACH	0.01
Heavy Metal Content	RoHS	pass

CLEANING AND MAINTENANCE GUIDANCE

Steps	Cleaning Product	Mixture	Equipment
Initial Cleaning	Ecore's E-Cleaner	10 oz. /gal. water	Soft Nylon Brush or 3M 5100 Red Pad or equal
Daily Cleaning	Ecore's E-Cleaner	2-4 oz. /gal. water	Microfiber Mop, Soft Nylon Brush or 3M 5100 Red Pad or equal
Heavy Soil & Restorative Cleaning	Ecore's E-Cleaner or E-Strip	16 oz. /gal. water	Soft Nylon Brush or 3M Blue 5300, Brown 7100, or Black 7200 pad as req'd. (Do not use High Productivity Pad)

CLEANING PROCEDURES

1. Initial Cleaning Post-Installation

a. Remove all surface soil, debris, sand, and grit by sweeping, dust mopping, or vacuuming with a high CFM vacuum. For large areas, use auto scrubbers to clean floors.
b. Scrub floor with Ecore's E-Cleaner (10 oz. /gal. of water), using buffer or auto scrubber with a soft nylon brush or pad per table above. Avoid flooding the floor.
c. Pick up solution with a wet vacuum. Rinse with clean water, picking up the rinse water with a wet vacuum and allowing it to dry thoroughly (6-8 hours).

2. Daily/Regular Cleaning

a. Sweep, dust mop, or vacuum floor to remove surface soil, debris, sand, and grit.
b. Damp mop with a microfiber mop or auto-scrub with Ecore's E-Cleaner diluted (2-4 oz. /gal. of water) and pad per table above.
c. Mop again with clean water to remove residue.

3. Restorative Maintenance

a. Sweep and dry vacuum floor thoroughly.
b. Heavy scrub floor with Ecore's E-Cleaner (10 oz. /gal. of water). This cleaning may be performed with an auto scrubber or rotary scrubber with pad per table above.
c. Vacuum soiled solution with a wet/dry vacuum.
d. Rinse with clean water.
e. Pick up solution with wet vacuum.
f. Allow floor to to dry thoroughly (6-8 hours).

RESTORATIVE / POST INSTALLATION / DEEP CLEANING PROCESS

Directions

Dry — Dust mop, sweep or vacuum all abrasive debris from your floor

Wet — For **post installation / restorative cleaning**, dilute 1-quart / 1 litre E-Cleaner to one- gallon / 3.5lts of cool water in a pump sprayer.
For **deep cleaning**, dilute E-Strip Floor Stripper to 1-quart / 1 litre E-Strip to 1-gallon / 3.5lts cool water for deep cleaning in a pump sprayer.
Apply cleaning solution (E-Cleaner or E-Strip with the appropriate water dilution) to your floor using your pump sprayer and allow the solution to stand for 5 minutes. Apply cleaning solution in manageable sized areas so that it does not dry.
Use a 1.5 HP (175 RPM) rotary floor machine with a red stripping pad to agitate the solution.
For a deep cleaning use a black stripping pad.
Use a wet-vac with squeegee head to pick up the solution and to work in between bevelled edges.
Rinse with clean water using a mop and allow to dry.

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PREPARATION

SUBFLOOR REQUIREMENTS

1) Hardness: No sand accumulation, loose dirt or cracking whilst prepping.

2) Flatness: Flatness should be measured with a 2-3 meter spirit level and a feeler gauge. It will be up to standard if the gap is below 2MM.

3) Cleanliness: Subfloor should be free of debris, paint and dust.

Tip: Rough subfloors to be smoothed with self-levelling compound after they get cleaned up.

MATERIALS ON-SITE

It is very important to allow the tiles to acclimatise for a minimum of 24 hours at room temperature (at least 16 degrees Celsius) after packaging is opened on site. The expansion and contraction of rubber can be considerable, so it is important that tiles are laid at a temperature that is as close to the final room temperature as possible. Inspect all materials for visual defects before beginning the installation.

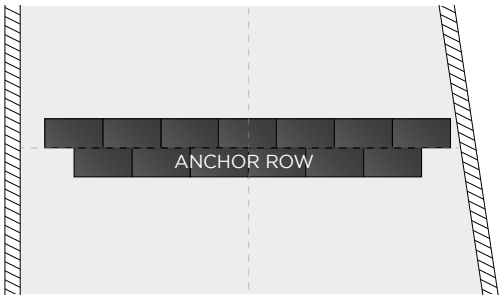
INSTALLATION REQUIREMENTS

1) Locate the centre of the room, and mark two perpendicular chalk lines through the centre point to the outer walls.

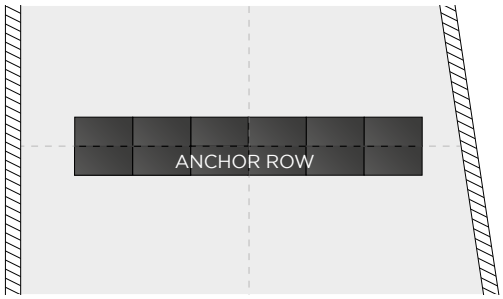
Tip: Adjust the centre point to balance the tiles side-to-side and not end up with small cuts of tile against the walls.

2) Anchor Row: Begin the installation from the centre of the room and work 2 rows of tiles along the chalk lines towards the walls. Remember to use all the fitting clips provided in every position. You will need 10 clips per 2 tiles.

METHOD 1: BRICK INSTALLATION (RECOMMENDED)



METHOD 2: CROSS SHAPED



Tip: With a cross-shaped installation ensure the installation process pays close attention to marked lines. Small gaps at the centre of the area can become larger as additional tiles are laid around the room. Brick installation can help avoid gaps by pulling the tiles in closer together.

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3) Compression Fit: Once you've ensured the 2 anchor rows are completely straight, measure the final perimeter tile gaps on either end and add 5mm to your cut line making the tile bigger than the gap. Locate the tile corners on the fitting clips and bend the outside edge of the tile into position against the wall, then using a mallet to compression fit the perimeter tile into place. The 5mm that was overcut on the perimeter tile will be absorbed by the tiles within the anchor rows and compress them into place.

Tip: Remember not to kneel or stand on the perimeter tile or the connecting tile when compression fitting as your body weight will stop the compression being taken by the tiles within the room.

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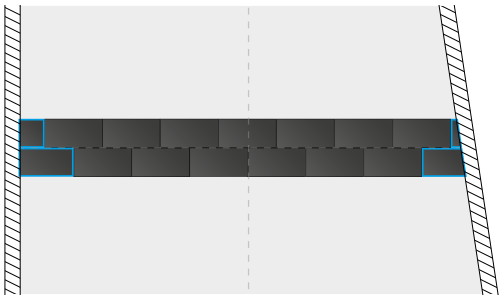
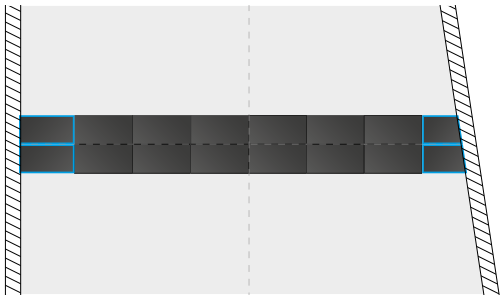


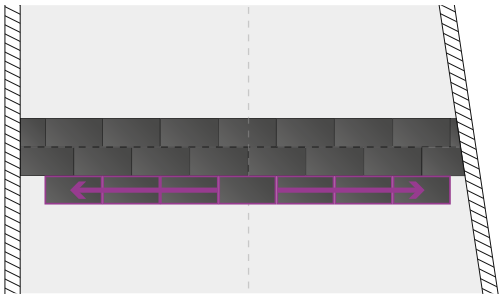
METHOD 2: CROSS SHAPED



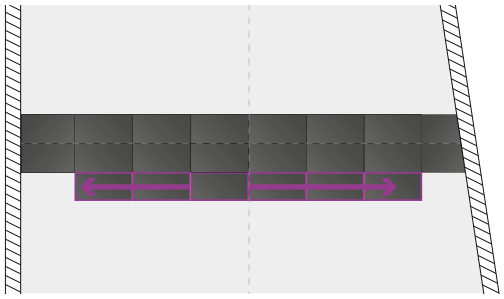
4) Fill the room: Locate the centre point on the anchor rows and lay your first tile. From the centre point, lay additional tiles towards the walls leaving the perimeter tile free for cutting later. Always lay a full row (other than perimeter tile) before moving onto the next row, again fitting outwards from the centre.

Tip: When adding tiles to the row, position the new tile into place making sure the 2 outside corners which connect to the existing tile are located on the fitting clips first. Then use a mallet to lock the 2 outside corners in place, before hitting the inside fitting clips into place. This process holds the new tile in place and spreads the compression from the 2 anchor rows.

METHOD 1: BRICK INSTALLATION (RECOMMENDED)



METHOD 2: CROSS SHAPED



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5) Perimeter Tiles: When fitting the final perimeter tiles against a wall, measure the gap to the wall and add 5mm. Cut the perimeter tile including the extra 5mm, locate the inside corners of the tile onto the fitting clips, bend the outside edge of the tile into position against the wall, then using a mallet to compression fit the perimeter tile into place. Repeat this process for all perimeter tiles.

CLEANING AND MAINTENANCE

1. Mop or wet vacuum floor daily. Regular cleaning is required for high traffic areas.
2. Use neutral cleaning agents. (Note: they should be diluted with water before usage. Take care NOT to put cleaning agents on the tile surface directly.)
3. Take care NOT to damage the floor with any sharp items.
4. Take care NOT to pour any coloured pigment, oil or solvent on the floor.

Important Information: The expansion and contraction of rubber can be considerable, under differing environmental temperatures, therefore it is normal to find some gaps between the tiles after the installation is complete.

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