



Recycled Rubber Flooring

At Van Dyck, we source the best quality SBR granules for rubber products from South Africa's largest recycler of tyres, The Mathe Group. Thanks to their selective collection of tyres and innovative production process, the purest SBR granulate is utilised in our modern and automated production line for:

- Rubber surfaces and accessories for gyms, fitness rooms and crossfit zones.
- Safe rubber tiles for playgrounds and outdoor recreation facilities.
- Equestrian surfaces.
- Ballistic blocks for shooting ranges.
- Embankment rehabilitation, dairy, equestrian and mining applications.
- Pedestrian walkways and driveways.
- Acoustic cradles for raised, acoustic and sports flooring.



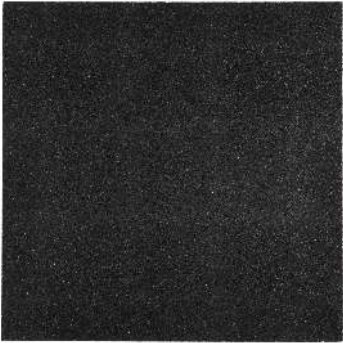
"Powering the future with **sustainable solutions**"

VAN DYCK

Rubber Tiles

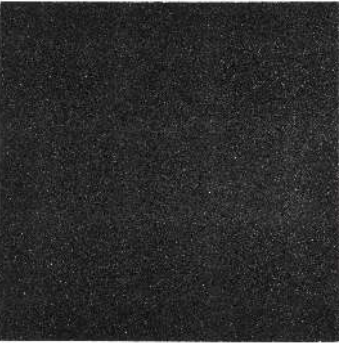
Standard

50 cm x 50cm, 100cm x 100cm
Flat top and bottom
Thickness 15mm, 20mm & 25mm



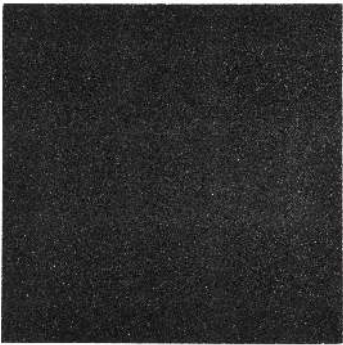
Heavy Duty

50 cm x 50cm, 100cm x 100cm
Flat top and bottom
Thickness 40mm & 50mm

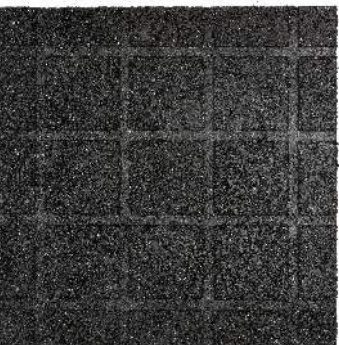


Outdoor Standard

50 cm x 50cm, 100cm x 100cm



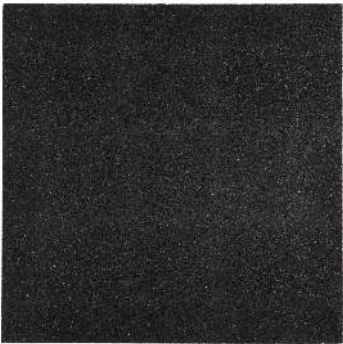
Flat top, underside with pattern



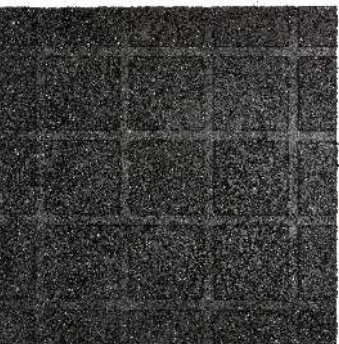
Course granular structure on underside for optimal drainage
Thickness 20mm & 25mm

Outdoor Extreme

50 cm x 50cm, 100cm x 100cm



Flat top, underside with pattern



Course granular structure on underside for optimal drainage
Thickness 40mm & 50mm

Standard Colours:



Black



Green



Red



Grey

Rubber Tiles

Premium

100cm x 100cm

Patterned top and flat bottom

Thickness 20mm, 25mm, 40mm & 50mm

Area (1 unit) = 1.00 sqm

Course granular structure on underside for optimal drainage



Important Features

- Thermal insulation of feet from the ground.
- Tiles can be laid on any even and hardened substrate (we recommend screed or concrete) with water drainage.
- Absorbs noise and vibrations.
- Easy cleaning.
- Flexible and resistant to frost.
- Simple installation and removal.
- Possibility to cut tiles to make them match equipment or irregular surface shapes.



Standard Colours:



Black



Green



Red



Grey

Rubber Pavers

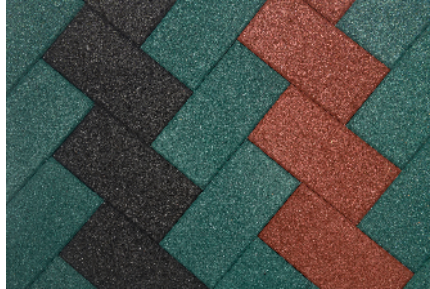
Rectangular Paver

200mm x 100mm

Thickness 15mm, 20mm, 25mm. 40mm & 50mm

Area (1 unit) = 0.02 sqm

Course granular structure on underside for optimal drainage



DogBone Paver

200mm x 160mm

Thickness 15mm, 20mm, 25mm. 40mm & 50mm

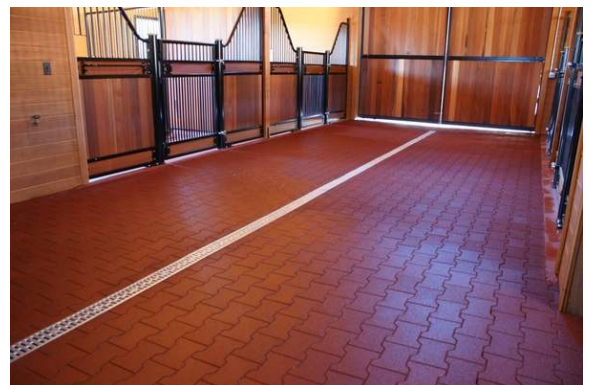
Area (1 unit) = 0.03 sqm

Course granular structure on underside for optimal drainage



Important Features

- Anti slip surface
- Tiles can be laid on any even and hardened substrate (we recommend screed or concrete) with water drainage.
- Absorbs noise, vibrations and shocks providing a cushioning effect.
- Easy cleaning.
- Flexible and resistant to frost.
- Simple installation and removal.
- Possibility to cut tiles to make them match equipment or irregular surface shapes.



Standard Colours:



Black



Green



Red



Grey

Rubber I-Mat

Interlocking I-Mat

1012mm x 1012mm

Thickness 15mm, 20mm, 25mm, 40mm & 50mm

Area (1 unit) = 0.72 sqm

Course granular structure on underside for optimal drainage

Rubber I-Mat dedicated to pedestrian walkways and driveways (light vehicle traffic).

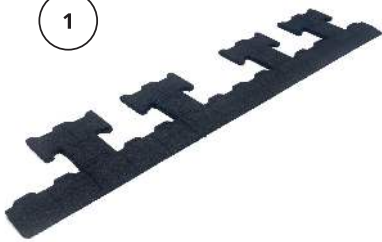


Important Features

- Characterised by the "dog-bone" pattern, this I-mat offers a patented full 4-way interlock design
- Is recommended for all outdoor applications and is ideal for installations on a compacted gravel base.
- In areas where there are no edge or wall restraints snap-edging or restraint bordering of some type may be recommended (Not necessarily required in all situations).
- All season all-weather durability.
- Simple installation and removal.
- Due to their special shape and rigidity, they allow for easily installation.
- Suitable for sloping areas such as paths and driveways.

I-Mat edging available in 15mm & 20mm

1



2



3



I-Mat Edge 1

15mm Area (1 unit) = 0.34 sqm
20mm Area (1 unit) = 0.47 sqm

I-Mat Edge 2

15mm Area (1 unit) = 0.15 sqm
20mm Area (1 unit) = 0.27 sqm

I-Mat Edge 3

15mm Area (1 unit) = 0.40 sqm
20mm Area (1 unit) = 0.54 sqm

I-Mat inserts



Thickness 15mm, 20mm, 25mm, 40mm & 50mm
Area (1 unit) = 0.02 sqm

Standard Colours:



Black



Green



Red



Grey

Rubber Honeycomb Mat

Honeycomb Mat

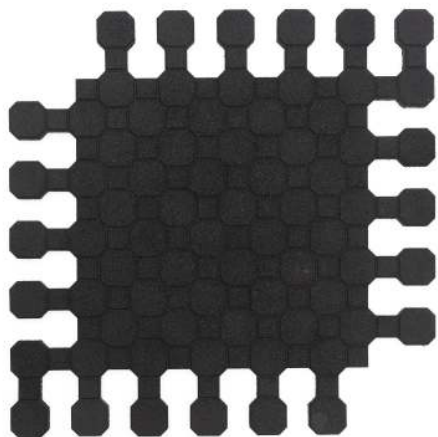
1012mm x 1012mm

Thickness 15mm, 20mm, 25mm. 40mm & 50mm

Area (1 unit) = 0.72 sqm

Course granular structure on underside for optimal drainage

Rubber Honeycomb Mat dedicated to pedestrian walkways and driveways (light vehicle traffic).



Important Features

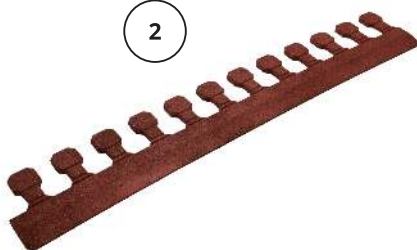
- Anti slip surface
- Tiles can be laid on any even and hardened substrate (we recommend screed or concrete) with water drainage.
- Absorbs noise, vibrations and shocks providing a cushioning effect.
- Easy cleaning.
- Flexible and resistant to frost.
- Simple installation and removal.
- Due to their special shape and rigidity, they allow for easily installation.
- Suitable for sloping areas such as paths and driveways.

Honeycomb edging available in 15mm & 20mm

1



2



1

Honeycomb Edge 1

15mm Area (1 unit) = 0.21 sqm

20mm Area (1 unit) = 0.33 sqm

2

Honeycomb Edge 2

15mm Area (1 unit) = 0.21 sqm

20mm Area (1 unit) = 0.33 sqm



Standard Colours:



Black



Green



Red



Grey

Rubber Flexigrid Mat

Flexigrid Mat

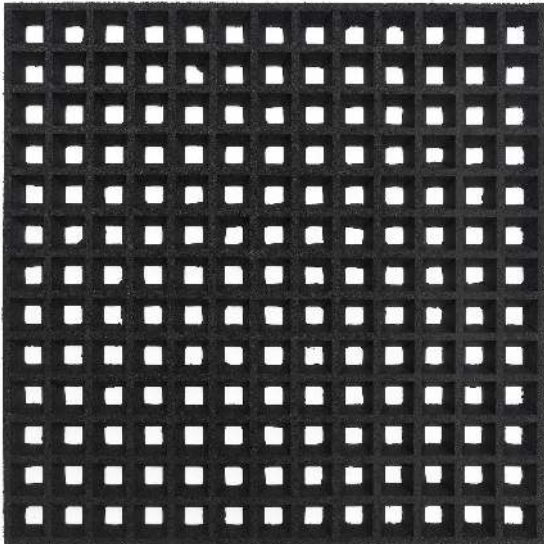
1015mm x 1015mm

Thickness 40mm

Area (1 unit) = 1.03 sqm

Course granular structure on underside for optimal drainage

Embankment rehabilitation, dairy, equestrian and mining applications.



Important Features

- Livestock mats are great ways to look after an animal's welfare because having such flooring can help protect livestock.
- They are beneficial because they help keep the animals safe and comfortable, and as a result, productive.
- They are softer than wood or concrete floors and are easier on joints and muscles.
- They can help reduce scrapes and cuts on animals lying on the ground where they might scrape themselves when standing up from a hard surface.
- The risk of problems arising from joint-related issues that are exacerbated by cold floors is reduced.



Standard Colours:



Black



Green



Red



Grey

Ballistic Block

Ballistic Block

500mm x 250mm

Thickness 50mm, Weight 6kg

Area (1 unit) = 0.13 sqm



Standard Colours:



Black

Important Features

- The ballistic block eliminates the problem of bullet ricochets and airborne lead from bullet fragmentation. The System captures bullets whole through the use of advanced engineering and design concepts employing proprietary, patented materials and rubber media. All pistols, rifles and shotguns can be used right up to the backstop surface.
- The ballistic block eliminates the problem of air-borne lead dust and ground water lead since bullets are captured and contained within the rubber media.
- The ballistic block puts an end to environmental lead contamination! Using this system, most lead may be easily recovered and sold to recycling centres. This prevents lead pollution of the air and ground, which would normally occur as a result of bullets impacting with old-fashioned type metal, sand and the ground type backstops.



Acoustic Wall Tile

Acoustic Wall Tile

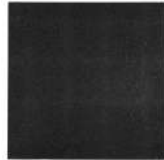
500mm x 500mm

Thickness 30mm, Weight 5.66 kg

Area (1 unit) = 0.25 sqm



Standard Colours:



Black

Important Features

- Soundproofing a Shooting Range can present quite a unique set of challenges. Generally, a professional indoor range consists of concrete blocks or poured concrete walls. Concrete is a good soundproofing agent and will block the majority of the muzzle blasts that would migrate out from the range. There are other agents that can be added to the walls and ceilings that will add additional soundproofing to the facility.
- Mounts to existing armour steel plate & significantly reduce any chance of bullet back splatter, ricochet & airborne lead. Reduces sound by trapping some of the waves disrupting the normal sound wave pattern.
- The panel is not designed to stop or encapsulate bullets, but rather to stop the ricochet and backsplatter from misdirected rounds or shrapnel from rounds fired at close range.
- Available with ribbed acoustic texture.
- Van Dyck standard ballistic panels are manufactured from recycled rubber held together by high-quality polyurethane binders proven to last.
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Acoustic Cradles

Acoustic Cradle Floor Levelling System

Rubber crumb cradles for raised, acoustic and sports flooring



Important Features

- Widely used in refurbishment, conversions and new build projects, these versatile and environmentally friendly acoustic cradles are able to provide an extensive range of finished floor heights.
- These include raised floors to accommodate underfloor services and acoustic floors offering extremely high standards of acoustic performance.
- They also provide accurate and rapid on-site levelling to eliminate any unevenness in the structural floor surface.
- The system is suitable for new build and refurbishment projects for both domestic and commercial applications.

For more detailed information, please visit:

https://www.instafloor.co.uk/wp-content/uploads/2017/02/instacradle_brochure_v5_jun_15.pdf

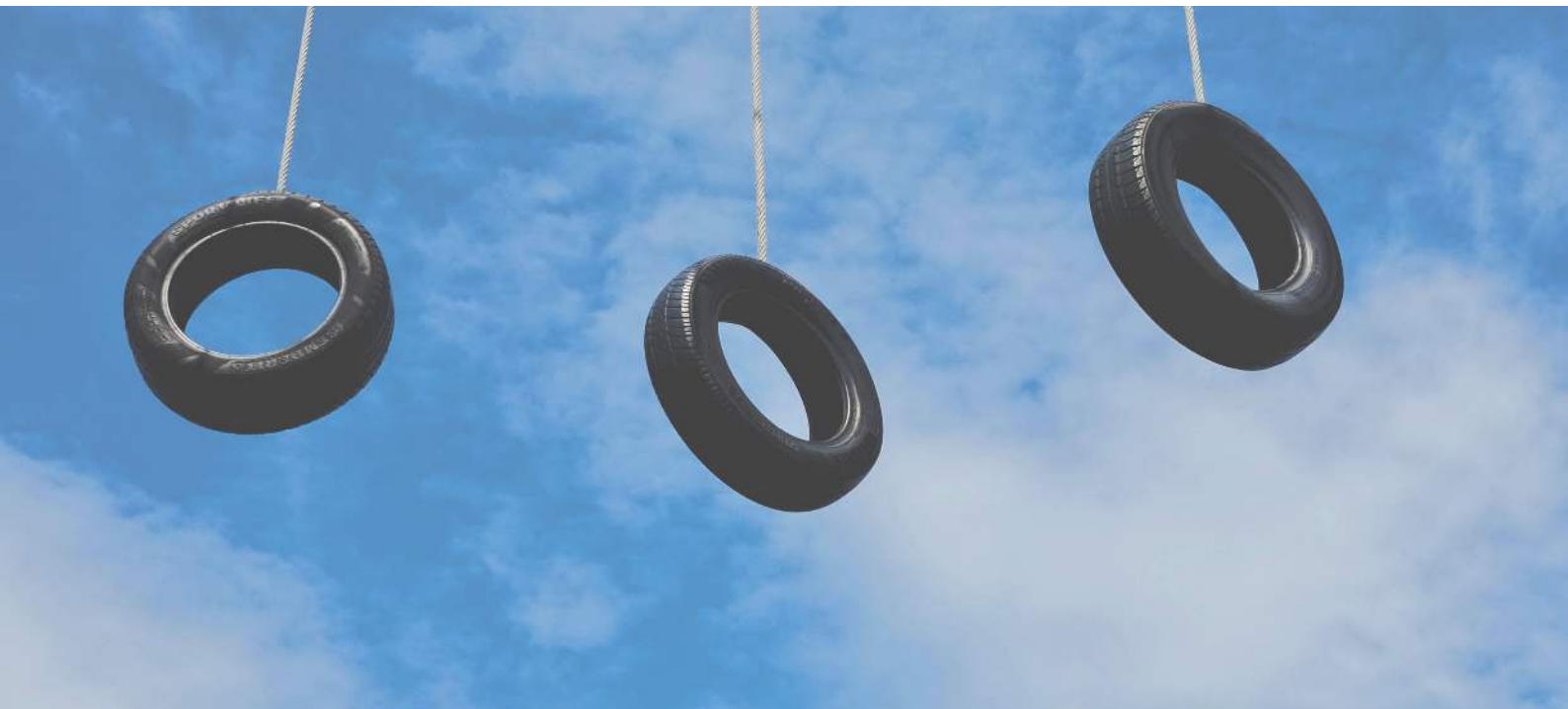
Benefits of Acoustic Cradles:

- Rubber crumb cradles have a 60 year guarantee.
- Available as cradle and packer components or a full system.
- Fast, easy and cost-effective to install.
- Cradles are loose laid and do not require fixing to sub-floor.



Specifications

Material Composition	Recycled truck tyres, Polyurethane binder, Iron Oxide pigment.
Source of Materials	Legacy tyres are sourced within South Africa and processed in Hammarsdale, KZN.
Surface Texture & Decoration	Crumb rubber moulded texture with various decorative patterns. Products reduce sound of pedestrian and vehicle traffic and have a high safert factor compared to conventional products.
Hardness & Weight	Varies depending on application requirements.
Colours	Black, Green, Red & Grey. (Other colours available upon request)
Maintenance	Recycled rubber products are extremely tough and resilient to damage and stains. These products have virtually zero water or chemical absorption, resulting in no oil absorption from leaking vehicles, accidental spills etc. These factors make these products very easy to maintain. Simply hose or sweep off dirt and dust. For more aggressive dirt, simply clean with a cloth/mop dipped in a soapy water mixture or use a high pressure cleaner. Damaged units can easily be lifted and replaced.
Modularity	Products are interlocked or interconnected and can be opened for tree root maintenance, seismic adjustment, side walk relocation, etc.



Advantages

When compared to conventional cement or clay paving, recycled rubber products have several unique practical advantages, as has been tested and proven in Europe, Canada and North America for more than two decades.

- **Durable:** Products are made from recycled tyres. This makes the products extremely tough as they can be bent and handled without cracking or breaking like conventional cement products. They can also be installed on an uneven surface without the risk of cracking or breaking.
- **Cost:** Normally contractors allow for up to 5% breakage during transport and installation. With our rubber products this is no longer a problem.
- **Low Maintenance:** Any product spilled can easily be wiped off or hosed down leaving no permanent staining.
- **Safety:** Recycled rubber products have been extensively tested with both wet and dry pedestrian sidewalk and pathway standards. The impact of a fall is greatly reduced and thus much less likely to break a bone than conventional cement products. This makes it perfect for use around shopping centres, schools, old age homes where safety is priority.
- **Noise reduction:** Rubber products are ideal for residential complexes as it reduces the impact noise substantially, create a more peaceful and relaxed atmosphere.
- **Improved installation:** Products can easily be cut with a utility or carpet knife resulting in no noise pollution. This also results in minimal dust pollution compared with a conventional installation.

Installation

Surface preparation is vitally important and determines the quality of the installation.

- Products with a thickness of less than 30mm require a solid sub-base, such as concrete or solid wooden floor.
- Products with a thickness of more than 30mm require the same surface preparation as conventional cement products.
- All applications need a solid border or edging system to contain the products, which then enables products to be loose laid without adhesive.

The quality of the installation is dependent on the quality of workmanship and adherence to industry standards. We therefore recommend using trained and certified installers.





Warranty: 3 Years

Features:



Sound Proof



Hygiene



Robust



Porous



Impact



MATHE  GROUP

VAN DYCK



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