

**dura** **TRAIN**™  
RUBBER FITNESS TILES

**dura** **SOUND**™  
RUBBER ACOUSTIC TILES

# Soundproof Flooring

- Superior sound attenuation
- Drop free weights directly on the floor
- Protects equipment and sub-floor
- Maximum durability
- Maintenance free
- Factory warranty



Engineered for **Personal Bests**





We manufacture not just rubber flooring. We provide a premium fitness flooring system engineered to maximise comfort, durability and functionality.

## THE ANYTHING ANYWHERE FLOORING SOLUTION

It's virtually indestructible - can be used anywhere but it's ideal for intense heavy use environments areas where maximum sound attenuation is required.



Seamlessly integrates with other flooring surfaces



Pedestal design significantly reduces noise and vibrations



Available in 6 Plus colours



Available in 4 thicknesses

3,18 cm	DuraTrain
5,08 cm	DuraSound
6,98 cm	DuraSound
8,26 cm	DuraSound



Jonh Reed Leipzig



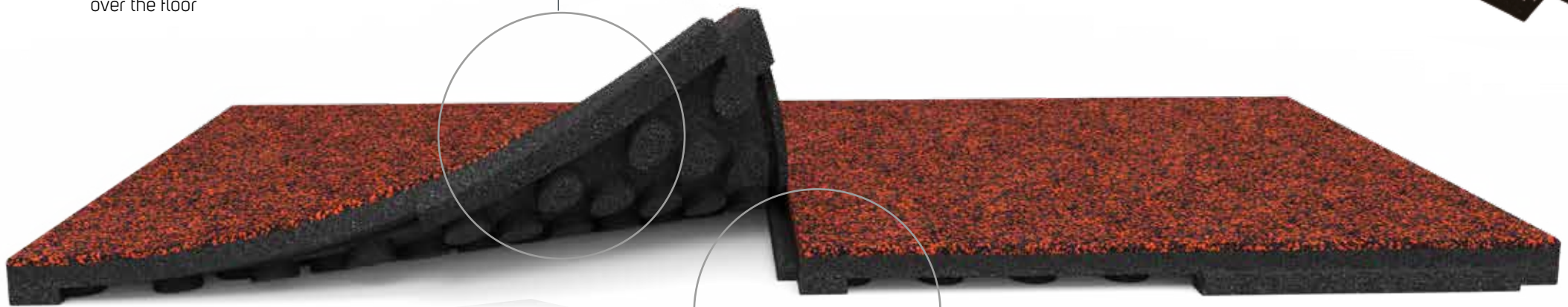
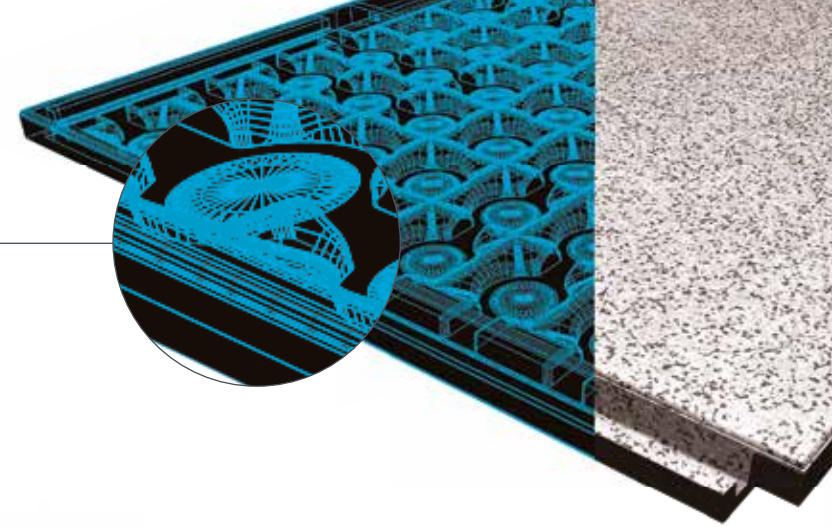
8.26 cm DuraSound

## Raised pedestals

- Raises the tiles off the floor, creating pockets of air space for a superior cushioning effect
- Absorbs both sound and vibration
- All cables to be channelled under the DuraSound tiles
- Evenly distributes weight of equipment over the floor

## High compression wear layer

- Tested for over 4000 repeated impacts with a blunt force.
- Rubber buffings in the wear layer for maximum durability



3.18 cm DuraTrain

## The smallest seams made in the rubber tile industry

- Makes it possible to thoroughly clean the seams.
- Simply looks good



## Patented KrosLOCK design

- Unique, omni directional locking design allows the tiles to be firmly locked into place without the need for adhesive
  - This locking design prevents expansion and contraction of the tiles, stops any separation of tiles at the seams and dissipates the energy from impacts in all direction across the whole tiled surface
  - The tiles can be picked up and reconfigured to fit with any changes to your facility
  - Simple and efficient to install yourself.
- We have installation teams available.





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### The Right Choice

Over 15 years of designs, formulations and modifications have resulted in a truly unique flooring solution that's flexible, durable, safe, and cost effective.

The tiles are made from 100% recycled truck tyre rubber, which is environmentally safe, more durable than car tyres and be recycled again at the end of its lifecycle.

The unique compression installation technique prevents tiles from shifting or separating, and small chamfered edges prevent any dirt build up.

Set your facility apart with the innovative look and feel that you can only get with DuraTrain/DuraSound.

### The Safe Choice

ASTM and BS compliant for slip resistance in dry and wet conditions, and tested for temperature extremes, tensile strength, and tear strength. With DuraTrain/DuraSound you are getting the best product available in the market.

### The Sound Choice

Training facilities are not always the quietest places, but with a choice of thickness from 3,18 cm the impact pedestal design and the inherent properties of the rubber compound, DuraTrain offers superior sound insulation and shock absorption, reducing vibration and sound travel both within your facility and in adjacent spaces.

It's been tested and proven to be quieter than a range of other floor coverings, including 12 mm recycled rubber.

### Feel the Difference

DuraTrain/DuraSound has been engineered with many unique and innovative features, such as impact pedestal technology creating air space under each tile for a superior cushioning effect and reduced noise and vibration.

### See the Difference

DuraTrain/DuraSound let's you create a visual impact that you just can't get with traditional fitness flooring. Choose from 22 different colours to satisfy the most discerning aesthetic requirements.

Multi-coloured flooring not only looks great, but serves a functional purpose as well by allowing you to visually separate different usage areas.



### Designed to Last

DuraTrain/DuraSound has been designed to not only withstand even the heaviest commercial traffic, but to protect screeds and sub-floors from damage.

It is manufactured using a patented three stage compression molding process. Extreme mechanical compression and high quality materials create an exceptionally durable floor tile.

It's rated for over 4000 repeated impacts with a blunt force and is backed by a Factory guarantee.

### Simple to Install

Tiles are installed under compression. Adhesive is only required to fix the edge tiles, transition ramps or keystone tiles in larger areas. The vast majority of tiles will not require adhesive and therefore can be easily lifted and replaced. Even glued tiles can usually be lifted and reused.

### Smooth Integration

With ramped edge and corner profiles, our flooring can safely and seamlessly integrate with other flooring surfaces, as well as be routed around doorways.

### Anything Anywhere

Not simply for use under equipment, DuraTrain/DuraSound is the first flooring system to give you a truly integrated flooring solution.

Olympic lifting platforms can be seamlessly integrated - no separate or raised platforms - no trip hazards.

The ultimate in flexibility - the whole area is useable – for anything!

# Imagine the Possibilities

The incredible versatility of DuraTrain/DuraSound means you can use it in all manner of areas within your facility and create really flexible training spaces.

Our Plus Colours:



Midnight Black



Ocean Blue



Saddle Brown



Slate Grey



Terra Cotta



Turf Green



Clay's Berlin

## Accessories

Our independent SofRamp solution is designed to work wherever a transition may be required. SofRamp can be cut and fit to any corner angle, making it ideal for entrance ways. All accessories available in 4 thicknesses.



SofRamp Outside Corner



SofRamp Inside Corner



SofRamp Jr.



Special ADA Ramps available on request.

## DuraTrain/DuraSound tiles provide superior sound attenuation and shock absorption

Sound and vibration caused by dropping weights on the floor travel easily thru buildings. When you expect troubles with your neighbours, the DuraSound tiles will be the best solution as they have the hollow core pedestals at the bottom.

In addition to the standard ISO and ASTM acoustic tests (STC, IIC & ΔIIC), Riverbank Acoustical Laboratories also conducted non-standard heavy weight drop tests. These tests involved dropping Kettlebells of different weights from predetermined heights, directly onto our flooring.

Here an overview:

dB-A noise reduction ( Impact Noise by Kettlebells dropping on tiles). Numbers shown is the difference in sound between dropping the weights on concrete or on the tiles presented in the change of SPL. The higher the number the better the tile performs.

Thickness	24,5 lbs - 36 inch 11.11 kg - 91 cm.	24,5lbs - 60inch 11.11kg - 152 cm.	54.5lbs - 36 inch 24,72kg - 91 cm.	54.5lbs - 60 inch 24,72kg - 152 cm.
	1.25 inch - 3.18 cm.	26,8	22	21,5
2 inch - 5.08 cm.	37,7	35,3	35,2	31,8
2.75 inch - 6.98 cm.	37	34,9	38,2	36
3.25 inch - 8.26 cm.	39,4	40,2	40,2	36,4

### “Data overview ISO 10140-3 Impact Sound Insulation measured by the `Tapping machine` presented in dB. “

A tapping machine drops weights of only 500 grams from 40 mm. height only.

	ΔLw	ΔIin	Ln,w	Ln,r,w
1.25 inch - 3.18 cm.	23	12	51	55
2 inch - 5.08 cm.	26	14	49	55
2.75 inch - 6.98 cm.	25	14	48	56
3.25 inch - 8.26 cm.	27	14	48	56

### “Data overview ISO 10140-2 Airborne Sound Insulation: measuring the sound reduction of airborne sound going through the tiles. “

	Rw : weighted Sound Reduction Index = SRI
1.25 inch - 3.18 cm.	55
2 inch - 5.08 cm.	53
2.75 inch - 6.98 cm.	54
3.25 inch - 8.26 cm.	55

### Data overview ASTM E90: Airborne Sound Transmission.

	STC = Sound Transmission Class
1.25 inch - 3.18 cm.	55
2 inch - 5.08 cm.	54
2.75 inch - 6.98 cm.	57
3.25 inch - 8.26 cm.	57

### Data overview ASTM E492: Impact Sound Transmission.

	IIC = Impact Insulation Class
1.25 inch - 3.18 cm.	56
2 inch - 5.08 cm.	62
2.75 inch - 6.98 cm.	64
3.25 inch - 8.26 cm.	67

### Data overview ASTM E2179 : Effectiveness in Floor Coverings.

	ΔIIC = Increase in Impact Insulation Class		ΔLw = weighted Reduction of impact Sound Pressure level
1.25 inch - 3.18 cm.	26	1.25 inch - 3.18 cm.	23
2 inch - 5.08 cm.	27	2 inch - 5.08 cm.	25
2.75 inch - 6.98 cm.	28	2.75 inch - 6.98 cm.	26
3.25 inch - 8.26 cm.	28	3.25 inch - 8.26 cm.	28





Grey and black DuraTrain tiles integrated with wooden lifting platform centres and sprint tracks  
London Irish RFC Facility

## Some of our EMEA customers/ partners:

Indigo Fitness – UK

Technical University Eindhoven – The Netherlands

Casall Professional – Sweden

Arsenal Football Club – UK

Technical University Delft – The Netherlands

Basic Fit – France

Anytime Fitness – Spain and UK

Graflex – Spain

LifeFitness – Worldwide

SASP Grenoble Rugby – France

Lakefront Crossfit – Austria

Alfa Fitness – Austria

Functional Fitness Supplies - Dubai

Intelligent Coach – Germany

Sportwelt ULC – Germany

Ray's Fitness Club – Germany

NR1 Fitness - Hungary

FitnessLine – Norway

Vital Gym – The Netherlands

Radboud University – The Netherlands

Fitness First – Dubai

X-Fit First – Dubai

Manchester Institute of Health – UK

Nottingham University - UK

Perform Better – Germany

Mattmarco – Poland

Shape Up Fitness – Malta

Infra Ligne – Belgium

Sportcom - France

GroupMoving - France

FITX- Germany

Fitstar- Germany

BodyTech - Aruba

Muscle Power - The Netherlands

Mc FIT - Germany

John Reed - Switzerland



## Technical specifications DuraTrain/DuraSound rubber fitness tiles

Size	All tiles are 610 x 610 mm. after installation.			
	DuraTrain	DuraSound		
Thickness	3.18 cm.	5.08 cm.	6.98 cm.	8.26 cm.
Weight	22 kg/m <sup>2</sup>	28,9 kg/m <sup>2</sup>	35 kg/m <sup>2</sup>	39,5 kg/m <sup>2</sup>
Bottom Bedestals	solid	hollow	hollow	hollow

**Edge detail:** Built-in U-shaped interlocking Kroslock® design. Bevelled edge, 2mm. all around.

**Wearlayer:** Made out of buffings of recycled truck tyres.

**Bottom layer:** Made out of granules of recycled truck tyres.

**Binder:** 12% Polyurethane Binder.



### Official Floorscore statement

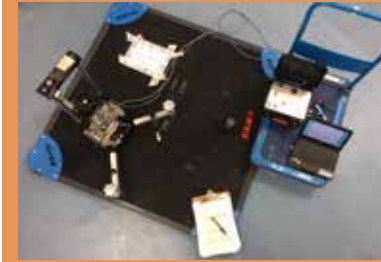
FloorScore® is a certification program established by the Resilient Floor Covering Institute (RFCI) for hard surface flooring and flooring adhesives products that meet strict indoor air quality (IAQ) requirements. Products bearing the FloorScore label meet the indoor air quality emissions criteria of LEED, CHPS, the Green Guide for Health Care, and are recognized by a long list of healthy building programs.

Kingfisher birds are beloved around the world, with more than 90 species occupying a wide variety of habitats. They are recognized by their large heads and long beaks, and known for their keen vision, colorful plumage, and skillful hunting. Kingfishers are widely recognized as indicators of environmental health. By the same token, they are vulnerable when their habitats are destroyed. Some species are now threatened with extinction.



Certification by SCS, as represented by the SCS Kingfisher, is a visual expression of proven commitment to sustainability through environmental stewardship, responsible resource management, and protection of people and communities.

Thickness	3.18 cm.	5.08 cm.	6.98 cm.
Shock Absorption( FIFA Test 04 )	53.1%	60.3%	64.2%
Vertical Deformation ( FIFA test 05A )	4.7 mm.	6 mm.	7.1 mm.
Energy Restitution ( FIFA Test 13 )	51.3%	49.3%	50%



# Soundproof Flooring



**Additional SofSurfaces Product Lines:**

DuraSafe Playground Tiles  
DuraStrong AP Terrace and Roof Tiles  
Kennemerstraatweg 464,  
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The Netherlands

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**Your DuraTrain dealer:**