

Floor Finishes for Gyms



TVS GYM FLOORING

IMPACTING THE WAY YOU TRAIN

www.TVS-GymFlooring.com

Overview

TVS Gym Flooring is one of the leading gym flooring suppliers in the UK. With strategic partners and the best manufacturers worldwide we can offer a unique range of flooring options to suit any sporting or fitness space. You can find our range of flooring in commercial gym chains, independent gyms, leisure centres, sports clubs, schools, colleges and universities.

The **TVS Group** was established in 2009 as a specialist supplier of noise and vibration solutions and has successfully evolved into

four key strategic divisions; TVS Sports Surfaces, TVS Gym Flooring, TVS Play Surfaces and TVS Acoustics. The business is balanced through a portfolio of products and a presence in international markets. Our strategy focuses on supplying best in class materials, shaping reliable and trustworthy partnerships while delivering outstanding customer service.



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FLOOR FINISHES FOR GYMS

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FREE WEIGHTS AREAS



Easy Gym, Oxford Street London

The ideal floor covering for free weight areas in gyms

Free Weights Flooring

Weight training is an extremely popular type of activity in the gym and it is inevitable that weights will be dropped on the floor. Repeated heavy impacts can cause long-term damage to a subfloor if not adequately protected. It is therefore important to ensure the correct flooring is installed in a free weights area. At TVS we offer a range of products and systems designed to absorb impact shock.

These include:

- ▶ Heavy-duty interlocking rubber tiles at 30mm and 40mm thicknesses
- ▶ Impact protection slabs up to 80mm thicknesses
- ▶ Shock absorbing elastic layers
- ▶ Polyurethane bonded rubber flooring in a range of thicknesses and colours



Technical Data: SPORTEC® Style Tiles

Tensile strength	min 0.7 N/mm ² (EN ISO 1798)
Anti-slip properties	R10 (DIN 51130) / R9 (DIN 51130; with a PURCOLOR finish)
Anti-slip properties (wet)	C (DIN 51097; UNI-VERSA finish only)
Step sound insulation	26dB
VOC emission rating	A+

SPORTEC® STYLE TILES: COLOURS & FINISHES



Style Tile with a Color-15 Finish

Style Tile with a Purcolor Finish

Style Tile with a Uni-Versa Finish

SPORTEC® Style Tile

STANDARD COLOURS

Color-0
(100% Black)

Color-15 Blue
(15% Blue EPDM)

Color-15 Blue/Grey
(7.5% Blue + 7.5% Grey)

Color-15 Green
(15% Green EPDM)

Color-15 Grey
(15% Grey EPDM)

Color-15 Red
(15% Red EPDM)

STYLE TILE WITH A PURCOLOR FINISH

PURCOLOR
Light Grey

PURCOLOR
Middle Grey

PURCOLOR
Dark Grey

PURCOLOR
Blue

PURCOLOR
Red

Product Focus:

SPORTEC® Style Tiles

- ▶ SPORTEC® Style tiles protect traditional subfloors from impact shock in weightlifting areas.
- ▶ The interlocking design creates a safe & stable lifting platform.
- ▶ The tiles are easy to install and require no ongoing maintenance.
- ▶ Edge & corner profiles provide a smooth transition between adjacent floor finishes.
- ▶ Available in a variety of finishes & colours that can be matched to a brand's corporate colour scheme.

STYLE TILE WITH A UNI-VERSA FINISH (for outdoor areas)

UNI-VERSA
Beige

UNI-VERSA
Dark Grey

UNI-VERSA
Light Grey

UNI-VERSA
Blue

UNI-VERSA
Green

UNI-VERSA
Red

CASE STUDY – EASYGYM

Interlocking Rubber Tiles for a Free Weights Area easyGym

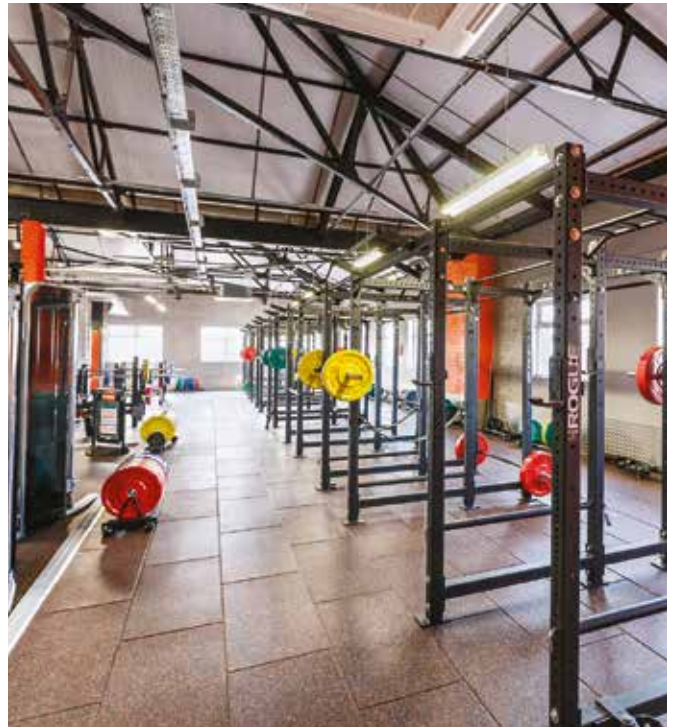
Project Information

This gym was located on the upper level of a shopping plaza in the heart of London and required a robust flooring solution for the weightlifting area. To fulfil this requirement, TVS supplied shock attenuating rubber floor tiles made from a mixture of black recycled rubber granules bound together with a polyurethane resin and a coloured EPDM granule added to the wear layer. This product was chosen because the resilient material offers extra protection to the substrate, which is particularly important in busy weightlifting areas where weights are dropped frequently. The tiles are simple to install, require little to no maintenance and interlock together with pre-inserted plastic dowels to create a stable performance surface for weightlifting activities to take place safely. This floor covering offers good grip underfoot and the bright orange EPDM granule within the product also complements the company's striking corporate colour scheme.

This area of the gym is used for activities such as deadlifting, squatting and bench work using dumbbells up to 50kg.

Products

SPORTEC® Style Tile – Color-15 Bright Orange



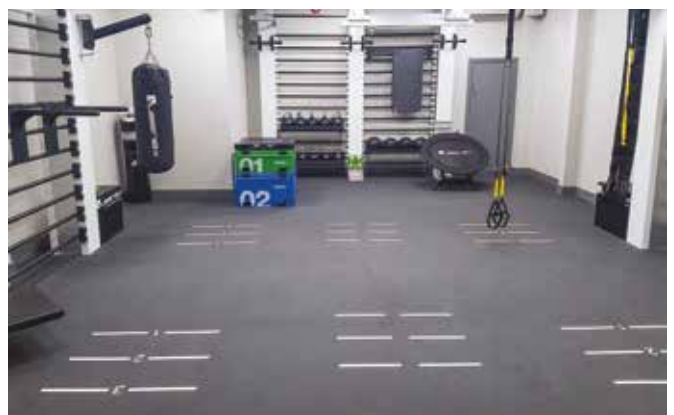
FUNCTIONAL FITNESS SPACES



Non-slip, resilient flooring

Functional training can involve dynamic movements utilising multifunctional rigs, kettle-bells, slam balls, battle ropes, sleds and even tractor tyres. It's important that floor finishes in these training zones provide adequate protection to the structural slab as well as sufficient grip and cushioning underfoot. TVS products are made from high quality recycled rubber mixed with EPDM colour granules, bound together with a polyurethane elastomer. Products are comfortable to walk on and absorb impact and room noise. Materials are available with Cfl-s1 fire certification (tested according to EN 13501-1) and benefit from a VOC emissions rating of A+. TVS floor finishes are highly resistant to mechanical wear, easy to clean and water-repellent. Available in a wide range of colours TVS floor finishes provide an aesthetically pleasing and economical solution for a range of gym activities.

- ▶ Fine grain recycled rubber mixed with EPDM colour granules
- ▶ Shock pads available in a variety of thicknesses & density
- ▶ Custom line markings are easily applied, creating a unique training space
- ▶ Materials are available in a range of standard & custom colour schemes
- ▶ RZ-Turbo sealant provides additional protection to the surface



LINE MARKINGS



Creating unique training spaces that won't fade

Utilising our 2-part PU Sports Paint we offer a fully bespoke line marking service for sport and fitness surfaces. These markings define areas of play or physical activity and are a great way of differentiating your gym from your competitors. For example, company logos can easily be applied to our sports and fitness surfaces, creating a visually striking focal point in your sports hall or gym.

Additionally, sprint tracks, agility ladders and speed circles will provide a valuable training tool for both your gym instructors and exercisers alike. The markings are permanently bonded and will never fade, ensuring your gym flooring looks great year after year.

To reflect your club branding we have a wide range of colours available and with the right design our expertise can help you create a truly unique training space.



CASE STUDY – SPORTS DIRECT FITNESS

Group Training Zone with Custom Line Markings

Sports Direct Fitness

Project Information

TVS supplied a highly resilient rubber floor covering – SPORTEC® Giga, containing a large EPDM granule – to this new gym in Shirebrook, Derbyshire. The product was chosen because it is easy to maintain, durable and the material's bright yellow fleck complements the brand's striking corporate colour scheme.

To add extra protection to the substrate, the SPORTEC® Giga was installed over SPORTEC® Team Cup-X, an elastic underlay that is designed to absorb impact shock in weightlifting areas.

As part of this project TVS also supplied manufacturer-approved adhesives along with a solvent free, two-component sealer that provides extreme long-term protection to this type of resilient rubber flooring. Additionally, TVS custom-produced a stencil of the 'EVERLAST' logo and then applied a two-part PU paint to part of the floor area. These lines and logo helped to create a visually striking and totally bespoke functional training zone within this facility.

TVS rubber flooring was fitted in both the free weight and functional training zones, an area of approximately 500m². A bright yellow sled track was also supplied and fitted as part of this project.

Products

SPORTEC® Giga – Bright Yellow
SPORTEC® Team Cup-X
TVS-200 2-Part Adhesives
TVS RZ Turbo Protect
TVS Sports Carpet – Yellow



SLED LANES



Transforming functionality of your fitness space

Sled work involves pushing and pulling a weighted sled over a set distance. This distance is usually no less than 10m. It is important that this training surface is extremely resistant to wear and provides exercisers with good grip underfoot.

A sled lane is often a feature within a gym and the design is easily customized by cutting in lines, numbers, letters and even a company logo. For plyometric activities, the sled lane can be bonded to a high performing shock pad. Materials suitable for this type of activity include:

- ▶ Needle-punched polypropylene sports surface available in a range of bright colours
- ▶ Elastic layers for additional shock absorbing properties
- ▶ Customised lines, numbers and letters



Available Colours



Bespoke Indoor Workout Area

Xercise4Less

Project Information

TVS was tasked with designing a versatile and multifunctional training area to be rolled out across various new Xercise4Less sites. The brief was to include an area for sledge work along with floor demarcations for various activities such as walking lunges, sprinting and battle rope exercises.

To fulfil this requirement, TVS first created layout plans to fit the space prior to agreeing the final design with the client. Once the design was signed off, TVS set about ordering materials to complete each of the projects. With the subfloor levelled to within an acceptable tolerance, a hard-wearing multi-sports surface – TVS Sports Carpet (Autumn Green) – was bonded to the substrate to create a central lane for pushing and pulling a sledge. Meanwhile, SPORTEC® Color-0 – a black recycled rubber floor covering – was installed around the outside of this area. To create a 2-lane running track with 1m markings, white lines were then applied to the black rubber utilising a 2-part PU paint. The perimeter edge detail was finished with a black uPVC trim to provide a safe and neat transition between the adjacent floor finishes.

The workout area is used effectively for training small groups of people as well as one-to-one personal training sessions across multiple sites.

Products

SPORTEC® Color-0 (Black)
TVS Sports Carpet (Autumn Green)
TVS VS90 Adhesive
TVS PU Sports Paint (White)



SPRINT TRACKS



100% EPDM synthetic rubber surfaces

Bespoke workout areas are becoming increasingly more popular in gyms and a dedicated area for sprinting will enhance the attractiveness of your facility to prospective gym members when compared to other gyms. This becomes even more appealing when users want to tailor their training routine to simulate a specific sport.

The area designated for a sprint track varies from club to club and is largely dependent on the available space. Generally, a one lane track measures no less than 1.25m in width with the overall length no less than 10m. However, in some clubs, tracks span up to 50m or even more. Usually, a two lane track measures no more than 2.5m in width as this provides ample space for two runners competing side by side. When performance really matters, a sprint timing system encourages healthy competition as well as enabling personal trainers to measure time and distance accurately. Line markings applied onto the surface at regular intervals help to create a more engaging workout area and provide a useful training tool for personal trainers.

- ▶ Rubber surfaces available in a variety of colours
- ▶ Shock absorbing elastic layers reduce impact stress on ankles, knees & hip joints
- ▶ Create an area for sport specific training & instructor led activities
- ▶ Lanes, numbers and logos can help create a bespoke training space

Product Focus: SPORTEC® Fusion Classic

SPORTEC® Fusion Classic is a fine grain EPDM sports flooring bonded to a shock absorbing elastic layer.

This flooring provides a cushioned floor covering and reduces impact forces on joints – the risk of injury is reduced and it is therefore particularly recommended for indoor sports facilities in schools and leisure centres.

The elastic layer and the top layer are delivered as pre-fabricated rubber rolls, simplifying the installation process because only one roll needs to be glued to the substrate. The surface is easy to maintain and can be sealed with our 2-part polyurethane compound – RZ Turbo Protect.

Technical Data:

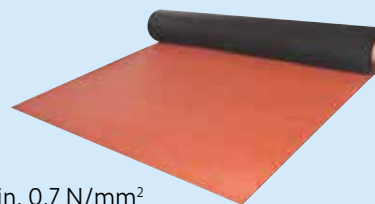
Roll width: 1.25m

Roll length: 15.0m

Thickness: 8mm

Tensile strength: min. 0.7 N/mm²

Anti-slip property: R9 (DIN 55130)



Low maintenance, hard wearing & non-slip performance surfaces

Traditional aerobic studios were designed for dance classes and feature some type of sprung floor system with a void. However, over the years, industry trends have changed considerably and exercisers are using weights in these areas. Circuit training, high intensity interval training and body pump usually involve lifting equipment. It is therefore important the floor surface is elastic enough to absorb these impact forces and safe enough to perform dynamic movements. We have surfaces suitable for:

- ▶ Circuit training
- ▶ Yoga and pilates
- ▶ Group indoor cycling
- ▶ Total body resistance – TRX
- ▶ High Intensity Interval Training
- ▶ Zumba

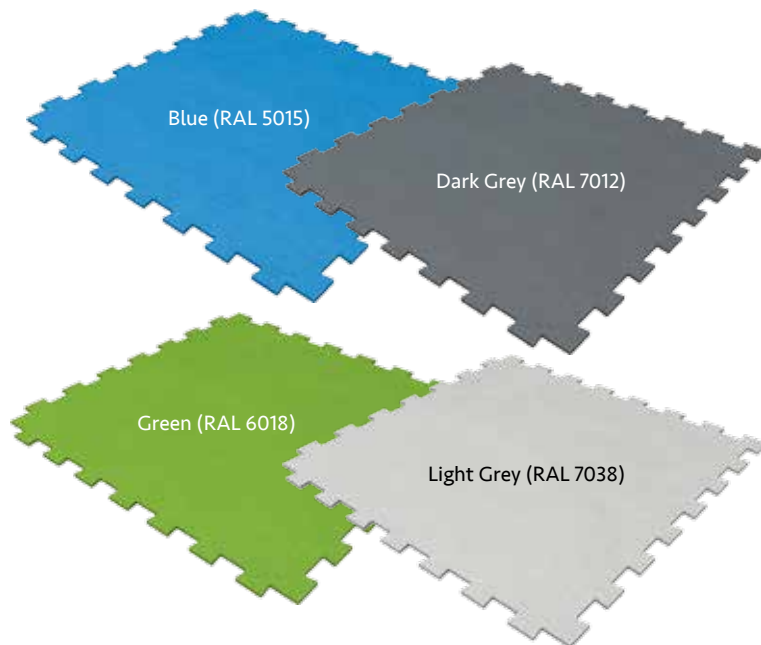


Comfortable flooring for indoor applications such as yoga & pilates

Motionflex is an interlocking puzzle-mat tile made of fine grain polyurethane foam. It has been developed for indoor applications such as yoga and pilates. It is also suitable for physiotherapy and rehabilitation facilities. This material provides a good grip underfoot and a comfortable training surface for floor-based activities.

Technical Data

Colours	Blue (RAL 5015), Green (RAL 6018), Light Grey (RAL 7038), Dark Grey (RAL 7012)
Dimensions	930mm x 930mm (outside edge) & 900mm x 900mm (internal edge)
Thickness	9mm
Tensile strength	min. 1.5 N/mm ² (EN ISO 1798)
Anti-slip property	R11 (DIN 51130)



FLOORING ACCESSORIES



Sealers, Cleaners & Glues



Sealing RZ Turbo Protect Zero

RZ Turbo Protect Zero is a solvent-free 2-component sealing finish for extreme long-term protection of elastic artificial flooring. It provides a very elastic and sturdy protection layer, having very high resistance to heavy mechanical wear and chemical attack.

Unique features are:

- ▶ Shelf life: 9 months ▶ Pack-size: 5L + 500ml hardener ▶ Working Temperature: 15–25°C
- ▶ Pot life (20°C): 120 Min. (20°C/60% relat. LF)
- ▶ Set to foot traffic (20°C): after approx. overnight drying
- ▶ Final strength (20°C): after approx. 7 days



Cleaner RZ Intensive Cleaner

RZ Intensive Cleaner is ideal for removing persistent dirt, cleaning product traces and glue residues on SPORTEC® rubber flooring products.

Unique features are:

- ▶ Pack-size: 10L ▶ Working Temperature: 18–25°C ▶ Area: 10L: 250m²

Adhesives

TVS VS90 adhesive, is available for gluing rubber flooring to a paved substrate, plywood or latex screed. Available in 15kg tubs with a coverage of up to approximately 45m².

TVS-200 2-Part adhesive, is our 2-component polyurethane glue for bonding rubber floor coverings to elastic layers. A 14kg tin provides approximately 12.5m² coverage.



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