

» fitness

SPORTS FLOORING AND ELASTIC LAYERS

FOR FITNESS-CENTERS AND WEIGHT-LIFTING AREAS

























»TILES SERIES **OUSTIC SERIES E-LAYER** SERIES







»ECO SERIES »DESIGN SERIES



RUGGED. VERSATILE. ERGONOMIC.









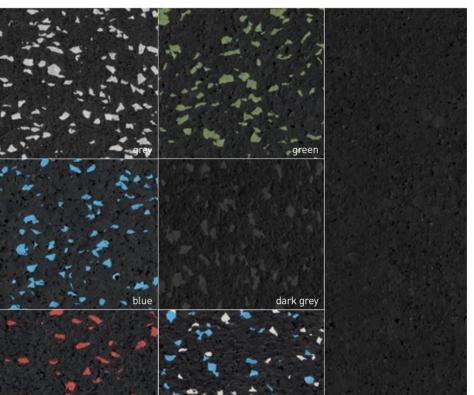
SPORTEC® color | color FR | neon | giga.

The eco series products are rugged, easy-to-clean and water resistant floorings for use in fitness and gym facilities. Thanks to their excellent durabillity and high resistance to dynamic movement, these products are the all-rounder solutions for gym workouts. Choose from our range of colours to create a room that matches your colour scheme, offers great walking comfort and absorbs impact and room noise.

>> SPORTEC® color



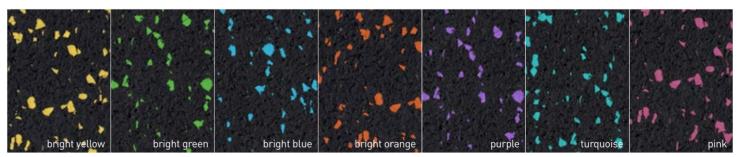
»SPORTEC® color FR ←





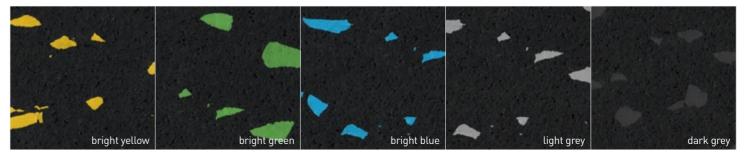
>> SPORTEC® neon





»SPORTEC® giga

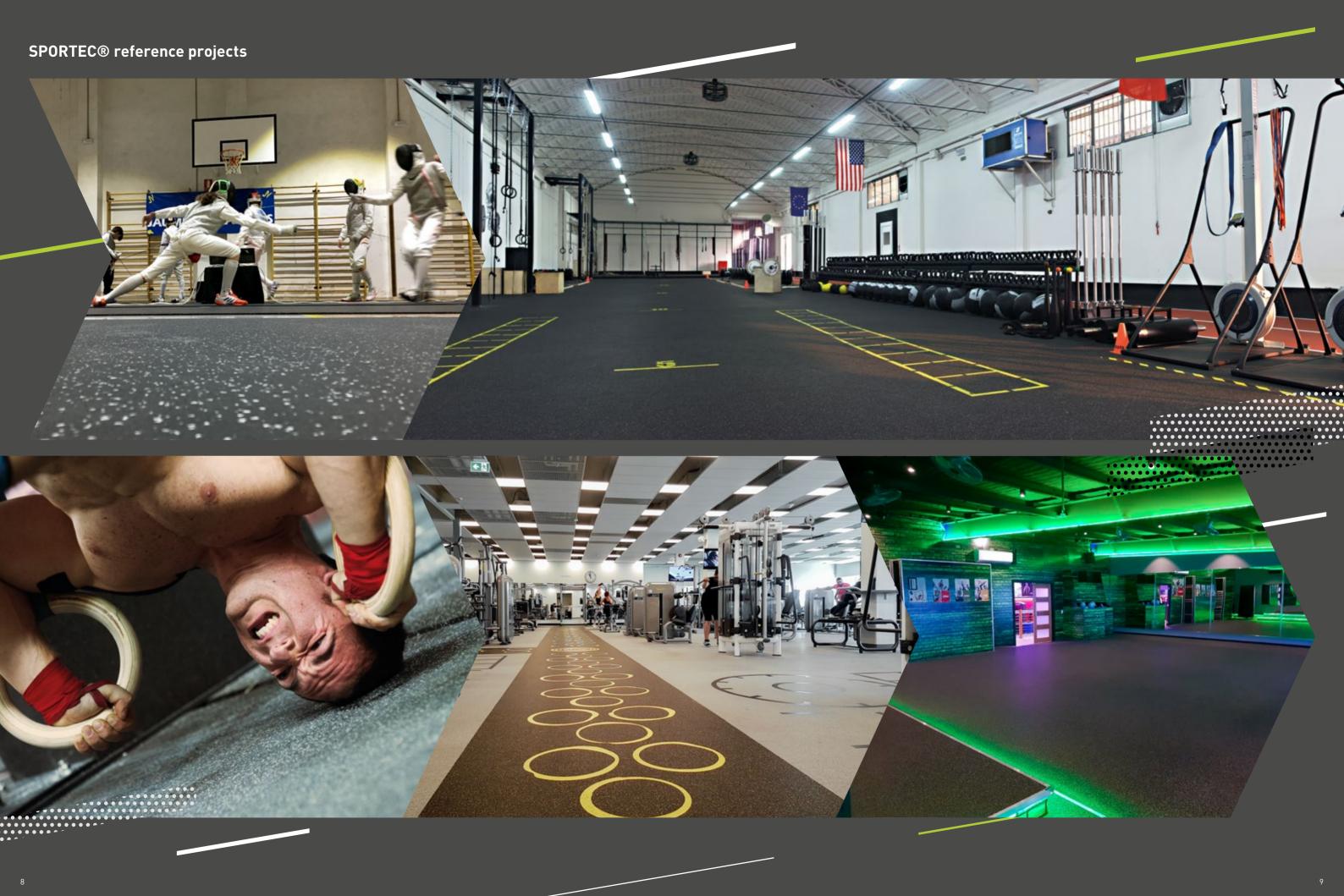




SPORTEC® reference projects









COLOURFUL. ANTI-SLIP. FIRE-RETARDANT.



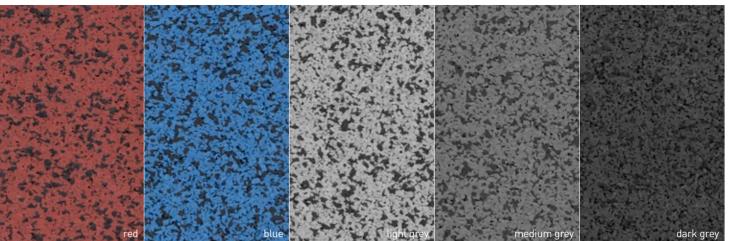


SPORTEC® purcolor | variant | UNI classic.

All products of our design series consist of 100% EPDM granules. The products are highly resistant, offer effective noise reduction and provide comfort during exercising. Thanks to the different colours and design options, these floorings can be perfectly matched to gym interiors and with SPORTEC® variant Color Mixer, you can customise your floor with you own unique design.

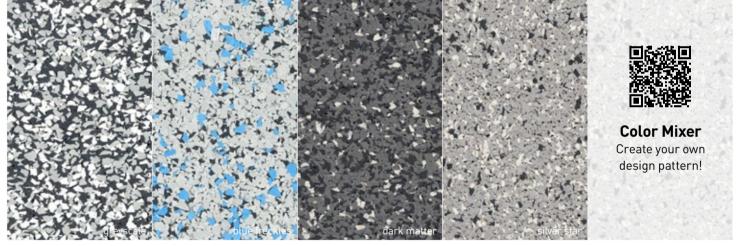
>> SPORTEC® purcolor





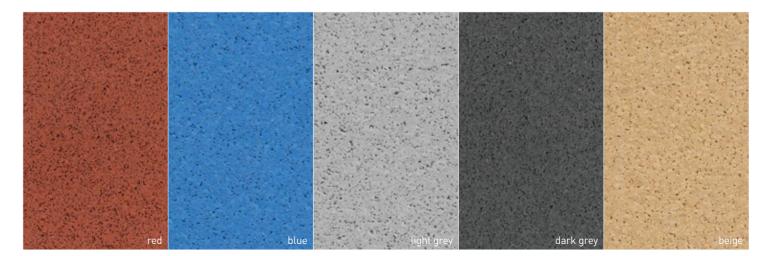
>> SPORTEC® variant



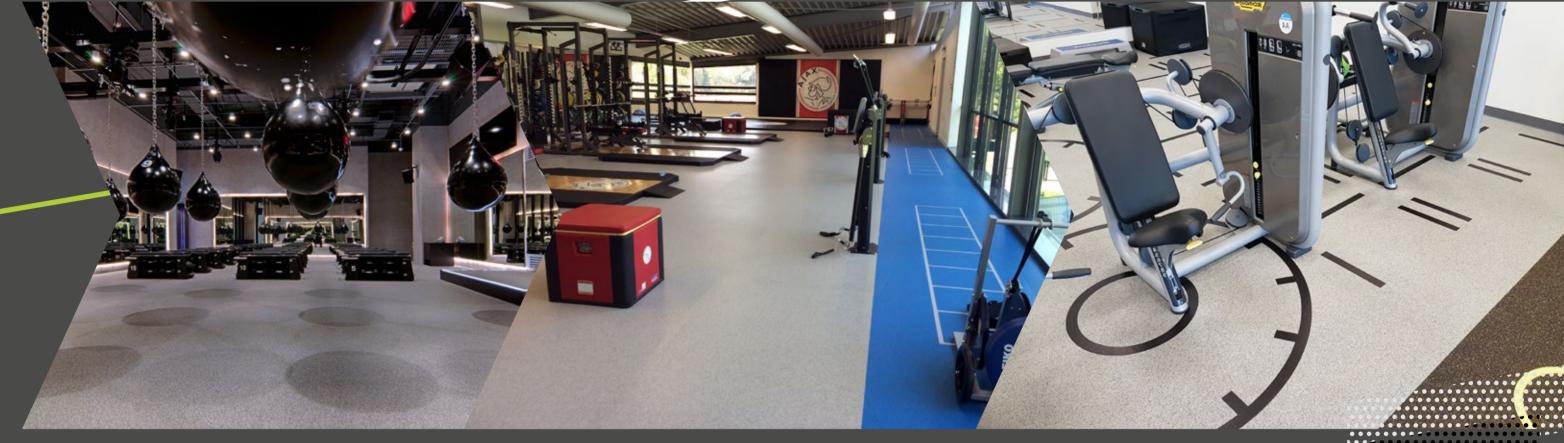


>> SPORTEC® UNI classic





SPORTEC® reference projects





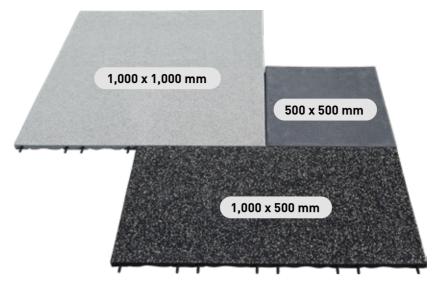


SHOCK ABSORPTION. DESIGN OPTIONS. IMPACT SOUND IMPROVEMENT.

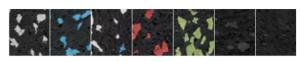
SPORTEC® style | base.

Whether you prefer a smooth finish or a granular structure to your tiles, both are possible with the SPORTEC® style and SPORTEC® base tiles. Available in 3 dimensions, SPORTEC® style comes with a multitude of colour finish possibilities which include options with a high fire resistance classification of $C_{\rm fl}$ -s1. SPORTEC® base tiles can also offer a $C_{\rm fl}$ -s1 option and are available in a black or grey granular finish.

»SPORTEC® style

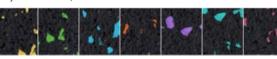


SPORTEC® color

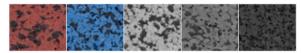


SPORTEC® neon

only available in 1,000 x 500 x 30 mm tiles

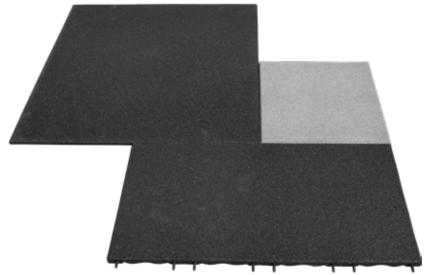


SPORTEC® purcolor





>> SPORTEC® base

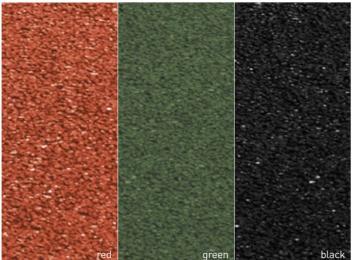




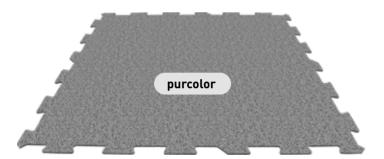


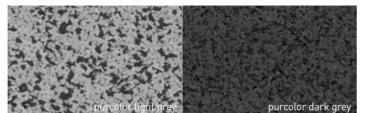
>> SPORTEC® multi-pavers

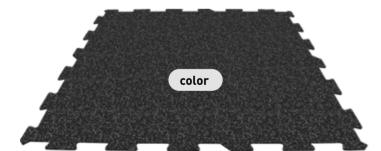


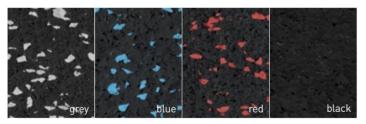


>> SPORTEC® puzzle 2.0

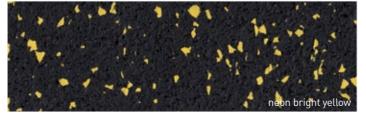


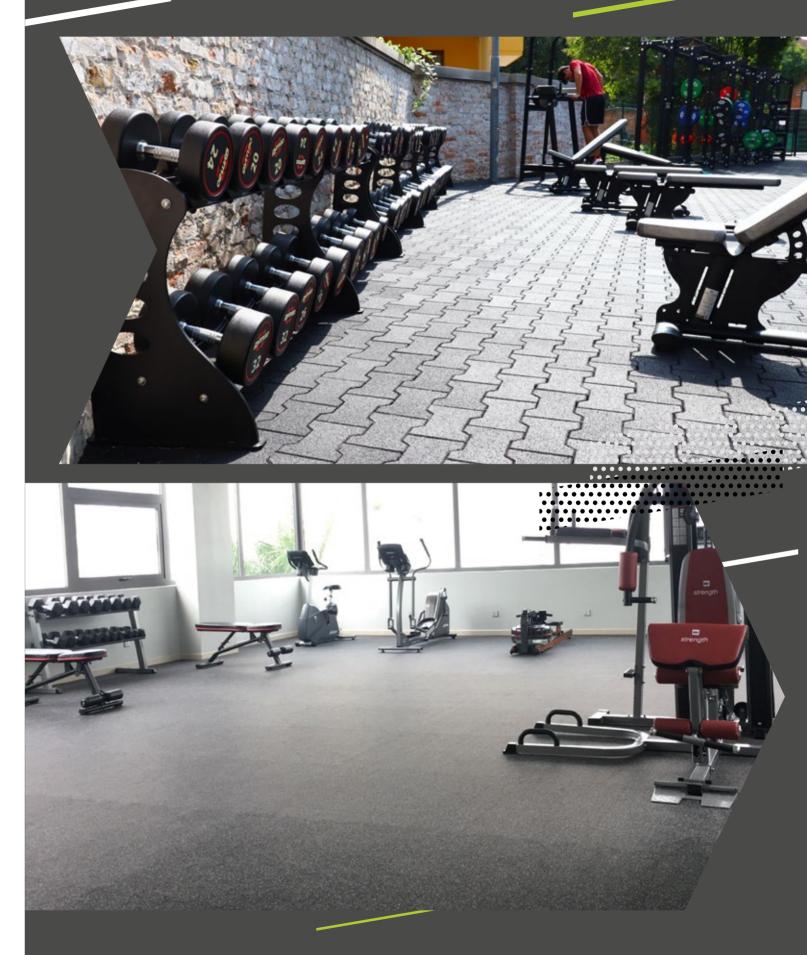














Acoustic problems in gyms are a big challenge, but avoiding them can be easy. Our Gymcoustic systems are finishing floor solutions offering increasingly high performances and are all applied directly on top of the existing, load-bearing and form-stable subfloors, e.g. concrete, cement bonded screed, meaning they are ideal for renovations and can also be used in new-builds. As well as their technical performance, they respond to the practical challenge of maintaining athletes stability underfoot ensuring that both the gym and its members benefit.



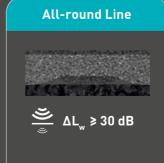
TESTED SYSTEMS. DESIGN OPTIONS. SUPERIOR SOUND & VIBRATION CONTROL.

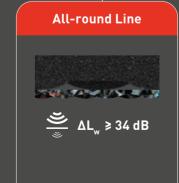


SPORTEC® Gymcoustic Systems.

Acoustic and vibration problems in gyms are a big challenge, but avoiding them can be easy. Our Gymcoustic systems are finishing floor solutions offering increasingly high performances which can be applied directly on top of the existing solid subfloors. This means they are ideal for renovations and can also be used in new-builds. As well as their technical performance, they respond to the practical challenge of maintaining athletes stability underfoot ensuring that both the gym and its members benefit.





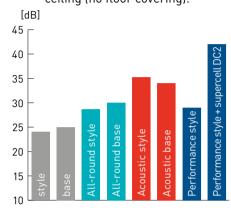




Gymcoustic - Technical data and laboratory measurements

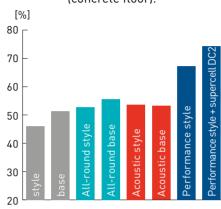
Impact sound improvement ΔL_w (DIN EN ISO 10140-3)

The impact sound improvement value $\Delta L_{\rm w}$ indicates by how many dB the impact sound insulation is improved by the floor covering compared to the raw ceiling (no floor covering).



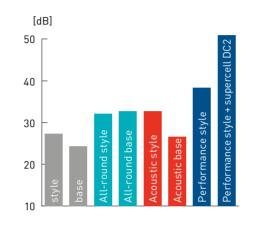
Shock absorption (DIN EN 14808)

The shock absorption value describes the ability of a floor covering to reduce the force applied by an object when falling. The reference is a rigid floor (concrete floor).



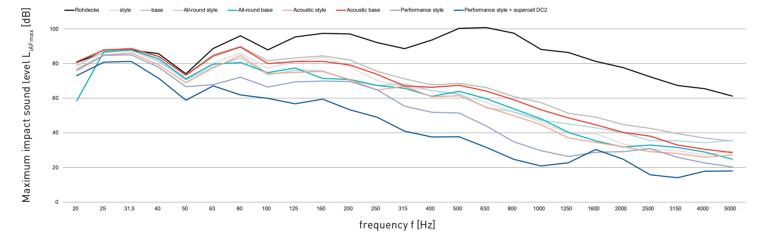
Δ L_{iAFmax} 50 kg, 0.5m (in acc. with DIN EN ISO 10140-3)

The Δ L_{iAFmax} value indicates the improvement of the highest level of the impact vibration compared to the raw ceiling (no floor covering).



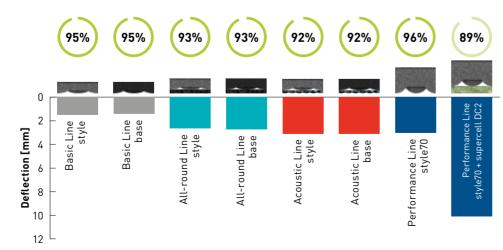
Acoustic performance of the individual systems

Dropping a 50 kg dumbbell from a height of 0.50 m

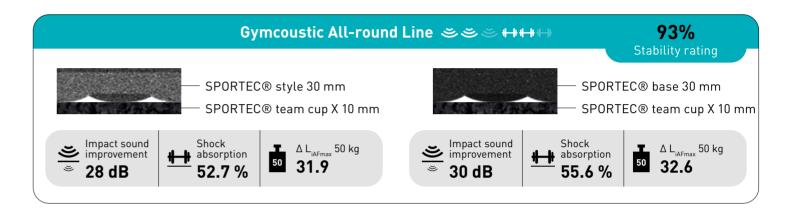


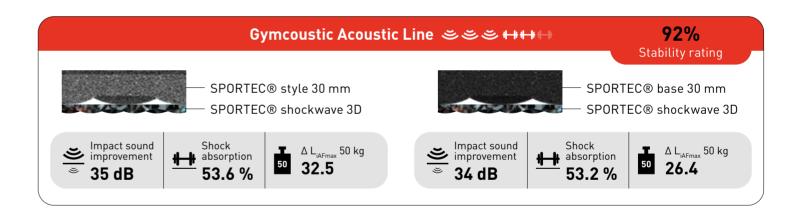
Stability Rating [%]

In weightlifting, high loads act on the floor surface via the athlete's feet. If the floor covering is too soft and the weights are very high, the athlete can sink in and lose stability (risk of injury). The stability of our floor coverings is shown by the test in accordance with DIN EN 826, in which we proved that even weights of up to 300kg (athlete + dumbbell) have no negative effect on the safe standing of the athlete.





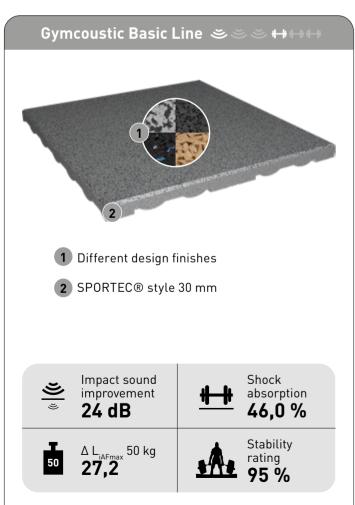






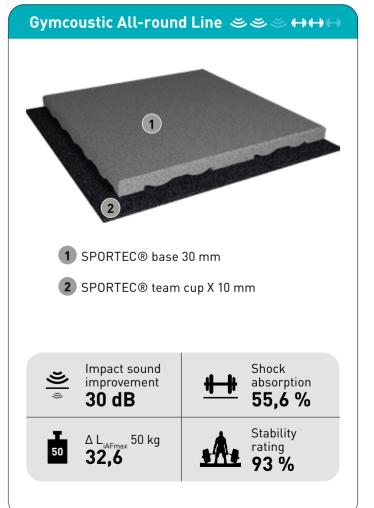








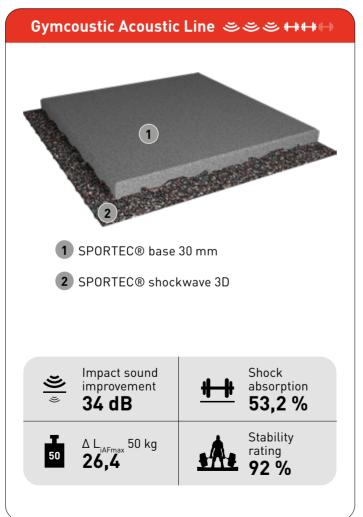




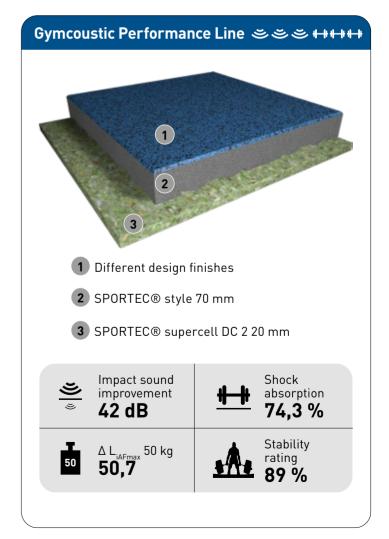


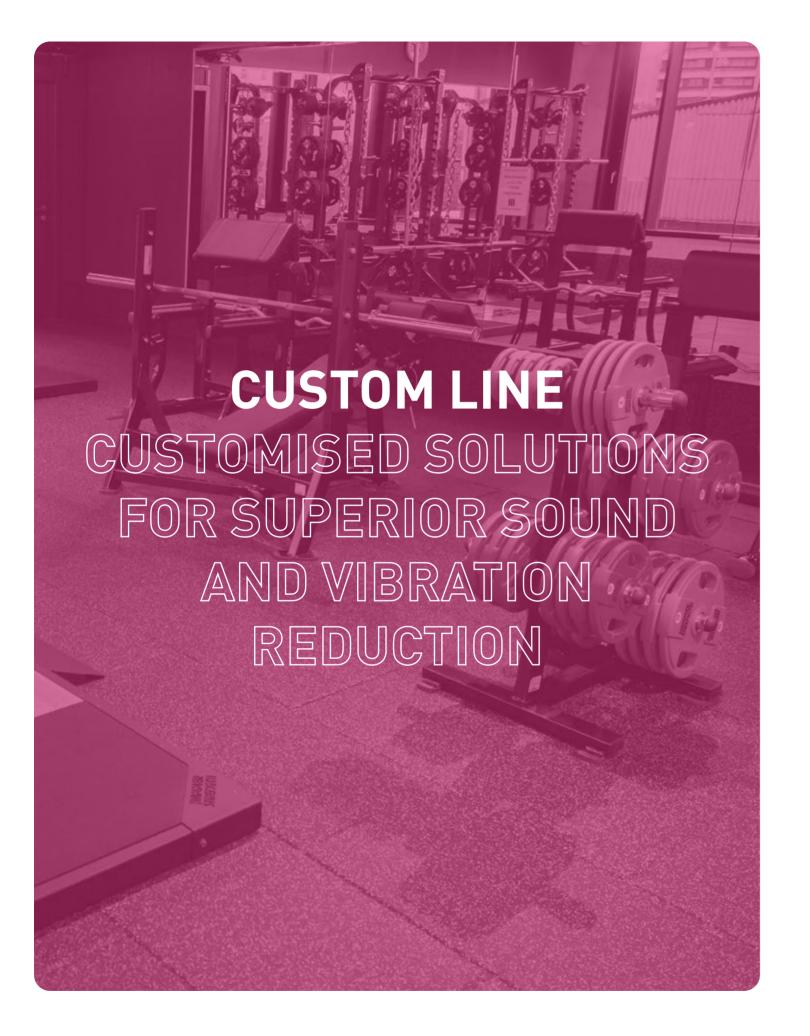


1 Different design finishes 2 SPORTEC® style 30 mm 3 SPORTEC® shockwave 3D Shock absorption 53,6 % Limpact sound improvement 35 dB A Liafmax 50 kg 32,5 Stability rating 92 %

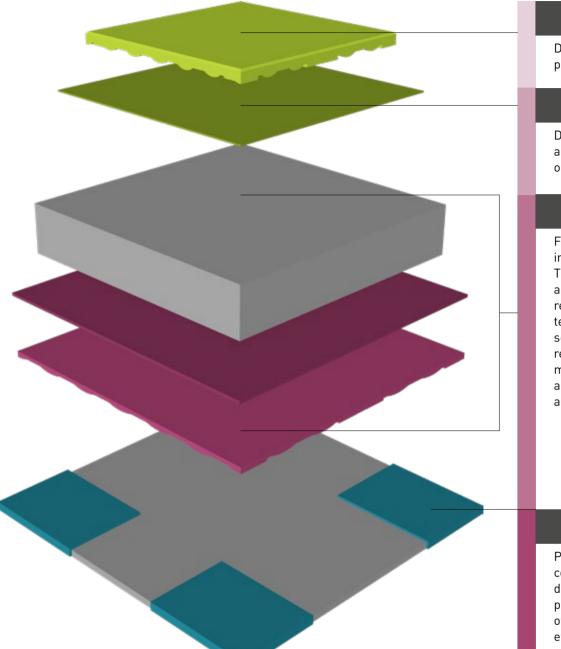












SPORTEC® Level 1

Different design finishes possible

SPORTEC® Level 2

Different elastic layers, can also be combined depending on requirements

DAMTEC®

For extreme impact sound improvement values, DAM-TEC® insulation mats, which are made of high-quality recycled or foam granulates, are laid directly under screed. Depending on the requirements, flat mats or mats with a wave-cut profile are used, if necessary several on top of each other.

KRAIBURG

PuraSys vibration pads, in combination with intermediate insulation materials, provide an additional level of sound insulation and effectively reduce vibrations and muffled noises on floors below.

For gyms with extremely challenging acoustic and vibration problems, work under screed may be required. The Gymcoustic **Custom Line** brings together a synergy of three brands from the KRAIBURG Group (SPORTEC® fitness flooring, DAMTEC® acoustic underlays and PuraSys vibration pads) and various combinations of these product ranges can help to resolve the most problematic project issues. Depending on the requirements, we can put in touch with responsible team so that they can develop solutions and discuss the various options with you and your acoustical consultant.

We will be happy to advise you! Find your contact person on www.kraiburg-relastec.com/sportec/en/contact-persons

SPORTEC® reference projects





SPORTEC® reference projects







TRACK-STYLE. JOINT-PROTECTIVE. SPIKE-RESISTANT.

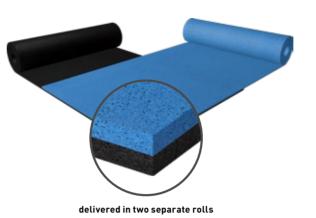


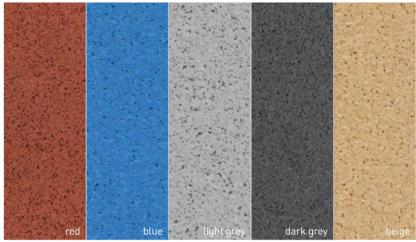
SPORTEC® UNI classic/versa sandwich.

The products of the Track Series are combinations of the EPDM surfaces SPORTEC® UNI classic / UNI versa with the proven elastic layer SPORTEC® standard 2.0. This combination helps to reduce injuries by preventing damage to athletes joints and is particularly suitable for use as running areas and sprint tracks in fitness centres both indoors and outdoors.

>> SPORTEC® UNI classic sandwich



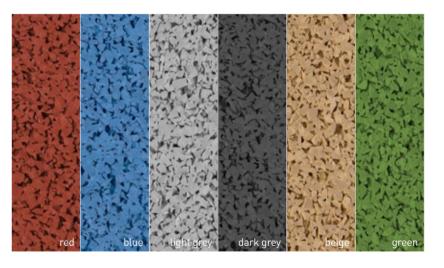


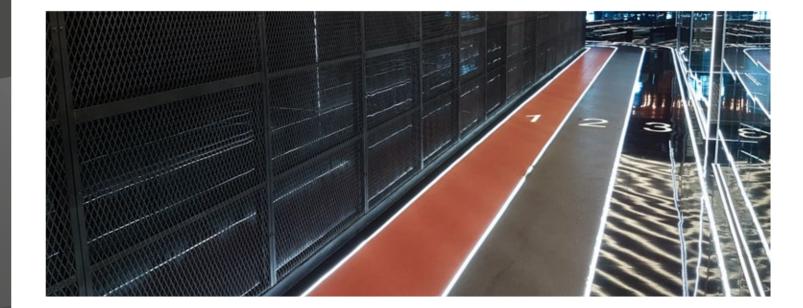


»SPORTEC® UNI versa sandwich









SPORTEC® reference projects







DTEX 8000. HIGH STITCH RATE. 100% CUSTOMISABLE.



SPORTEC® powerturf.

SPORTEC® powerturf is the synthetic artificial turf for your gym. Thanks to its very high density, the turf can withstand the high demands of exercises on the floor, including sprints or training with a weight sled. SPORTEC® powerturf 1.0, 2.0 and 3.0 offer the possibility to choose from different colours. SPORTEC® powerturf 4.0 allows you to fully customize the design of your artificial turf.

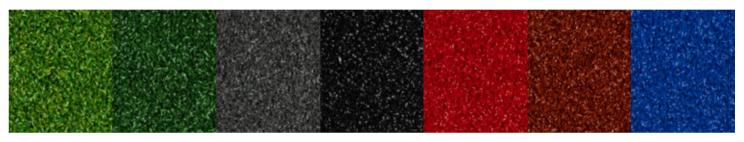
>> SPORTEC® powerturf 1.0 / 2.0 / 3.0











SPORTEC® powerturf 4.0





100% customisable!

You can design entirely according to your own ideas. From patterns to lines to logos of your gym:

Anything is possible.



 3



SOUND REDUCTION. LESS VIBRATIONS. MORE COMFORT.

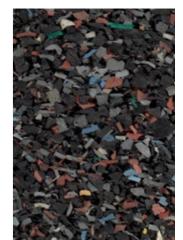


SPORTEC® shockwave 3D. supercell DC 2. team cup X

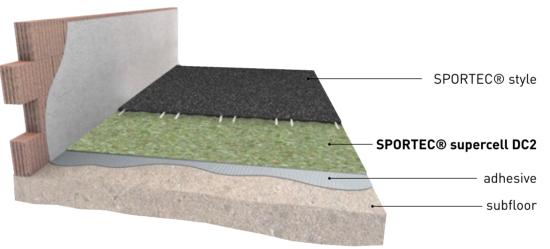
E-Layers are underlays for additional impact sound insulation and comfort. They can be installed under all SPORTEC® floor coverings in indoor areas and are especially suited under SPORTEC® style tiles for weight-lifting areas. Depending on the requirements on impact sound insulation and softness of the flooring, there is always a suitable solution.

>> SPORTEC® shockwave 3D



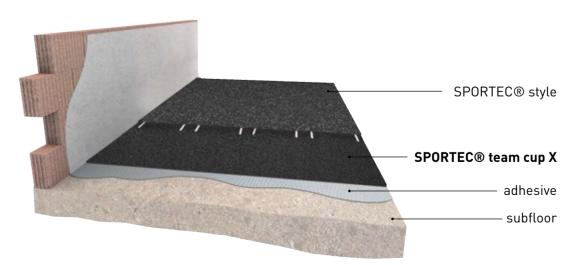


»SPORTEC® supercell DC 2





>SPORTEC® team cup X







INSTALLATION »ACCESSORIES

GLUEING. SEALING. CLEANING. LINE PAINT.

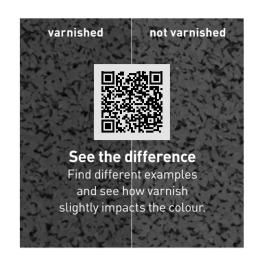
SPORTEC® varnish. cleaner. adhesive. line paint.

We provide the necessary installation accessories for our SPORTEC® floor coverings. The varnish protects the floor and enables easier cleaning. With our cleaner you can remove even the most stubborn dirt from the floor. Our PU glue provides the strength and elasticity to make sure our floors are permanently fixed to the sub-base. You can use the line colour to fully customise the design and look of your floor.

>> SPORTEC® Varnish RZ TURBO PROTECT ZERO



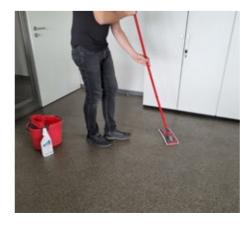
Packsize	4.5 l + 495 ml hardener
Pot life	120 Min. (20 °C / 60 % relat. LF)
Set to foot traffic	after approx. overnight drying
Final strength	after approx. 7 days
Consumption amount	100 ml/m²
based on a roor	m temperature of 20 °C



»SPORTEC® Cleaner RZ INTENSIVE CLEANER



Packsize	750 ml or 5 l
Working temperature	18 - 25 °C
Area	10 l: 250 m²
Consumption amount	40 ml/m²



»Adhesive SPORTEC® UN 700



Packaging	Set of 10, 25 or 28 kg (mixing ratio Base : Cu- ring Agent = 850 : 150)
Pot life	approx. 30-60 minutes
Can be walked on	after approx. 8 hours
Final strength	after approx. 36 hours
Consumption amount	700 g/m²

based on a room temperature of 20 °C



Line Marking Paint

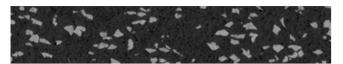


Colours	white, blue, black, dark blue, orange, yellow, red, grey, green
Packaging	1kg per set
Consumption	approx. 20 g/m²
Recoatable	after 16 hours and max. within 48 hours at 20 °C and 50% RH
Fully cured	after approx. 7 days



Technical Data

SPORTEC® color



Material

fine-grain recycled rubber tyre granules (black) with 0 or 15 % EPDM colour granules, PU-elastomer bonded

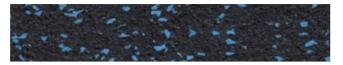
Roll width: 1.500 mm Dimensions Roll length

> Length m/Thickness mm: 30/4, 20/6, 15/8, 12/10

Thicknesses 4, 6, 8, 10 mm

(other thicknesses available on request)

SPORTEC® color FR



Material

fine-grain recycled rubber tyre granules (black) with 15 % EPDM colour granules, PU-elastomer bonded. Flame-retardant equipment

Dimensions

Roll width: 1,500 mm Roll length

Length m/Thickness mm: 30/4, 20/6, 15/8, 12/10

Thicknesses

4, 6, 8, 10 mm (other thicknesses available on request)

SPORTEC® UNI classic



Material

fine-grain EPDM granules, PU-elastomer

bonded

Dimensions Roll width: 1,250 mm

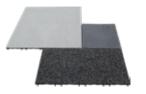
Roll length: 15 m

Thicknesses

4 mm (other thicknesses available on

request)

SPORTEC® style



Material

Polyurethane-bonded recycling tyre rubber granules, different surfaces

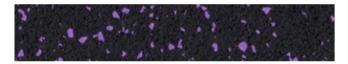
Dimensions

30 mm: 500 x 500 / 1,000 x 500 mm /

1,000 x 1,000 mm **70 mm**: 500 x 500 mm

30. 70 mm Thicknesses

SPORTEC® neon



Material

fine-grain recycled rubber tyre granules (black) with EPDM colour granules, PU-elastomer bonded

Dimensions

Roll width: 1,500 mm Roll length

Length m/Thickness mm: 30/4, 20/6, 15/8

Thicknesses

4, 6, 8 mm mm (other thicknesses available on request)

SPORTEC® giga



Material

fine-grain recycled rubber tyre granules (black) with EPDM colour granules, PU-elastomer bonded

Dimensions

Roll width: 1,500 mm Roll length

Length m/Thickness mm: 20/6, 15/8, 12/10

Thicknesses

6, 8, 10 mm (other thicknesses available on

request)

SPORTEC® base



Material

base MS: Polyurethane-bonded recycling

tyre rubber granules base FR: Polyurethane-bonded EPDM rubber

granules

Dimensions

500 x 500 mm /1,000 x 500 mm / 1,000 x 1,000 mm (only for 20 mm)

Thicknesses

30 mm, 20 mm (only for 1,000 x 1,000 mm)

SPORTEC® edge and corner ramps



Material

recycled tyre rubber

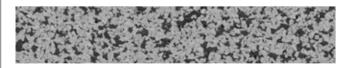
Dimensions

edge ramp: 1,000 x 250 x 30/10 mm 800 x 250 x 70/10 mm

corner ramp:

1,000 x 250 x 30/10 mm

SPORTEC® purcolor



Material

100 % EPDM granules PU-elastomer bonded

Dimensions

Roll width: 1,250 mm Roll length

Length m/Thickness mm: 30/4, 20/6, 15/8

Thicknesses

4, 6, 8 mm (other thicknesses available on request)

SPORTEC® variant

Material

Dimensions

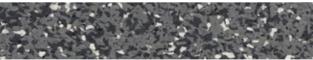
EPDM colour combinations, PU-elastomer

Roll length

30/4, 20/6

Thicknesses

4 or 6 mm (other thicknesses available on request)



Dimensions

bonded

Roll width: 1,250 mm

Length m/Thickness mm:

SPORTEC® multi pavers



Material

recycled tyre rubber

200 x 165 mm (full) 100 x 165 mm (half)

43 mm

200 x 140 mm (starter)

Thicknesses

SPORTEC® puzzle 2.0



Material

SPORTEC® color, SPORTEC® purcolor or SPORTEC® neon

Dimensions

1,030 mm / 1,030 mm Covering dimensions: 1,000 x 1,000 mm

Thicknesses

6, 8, 10 mm

SPORTEC® powerturf 1.0, 2.0, 3.0



Material Surface: Polyethylene fibres, 100% monofila-

ment (without infill)

Underside: Support fabric: 100% polypropy-

lene and latex

Roll width: 2,000 mm Dimensions

Roll length

15.0 m, other lengths are available on request

in 1m steps

(e.g. 20.0 / 21.0 / 22.0 m)

Thicknesses Pile height: 13 mm

SPORTEC® powerturf 4.0



Material Surface: Polyethylene fibres, 100% monofila-

ment (without infill)

Underside: Support fabric: woven polyester

and latex

Roll width: 2,000 / 4,000 mm **Dimensions**

(other widths upon request)

15.0 m, other lengths are available on request in 5m steps (e.g. 20.0 / 25.0 / 30.0 m)

Thicknesses

Pile height: 13 mm

SPORTEC® supercell DC 2



Material A mixture of recycled PU-foam and Latex gra-

nules bonded with polyurethane elastomer

Dimensions 2.000 mm x 1.000 mm

Thicknesses 10 and 20 mm

More technical data:

visit www.kraiburg-relastec.com/sportec/en

SPORTEC® UNI classic sandwich



Material top layer: Fine-grain EPDM colour granules,

PU-elastomer bonded

elastic layer: Fine-grain recycled rubber tyre

granules, PU-elastomer bonded

Dimensions

Roll width top layer: 1,250 mm elastic layer: 1,500 mm

Roll length top layer: 15 m

elastic layer: 30 m (other lengths available on request)

Thicknesses

top layer: 4 mm

elastic layer: standard thickness SPORTEC®

standard (other thicknesses available on

request)

SPORTEC® UNI versa sandwich



Material

top layer: coarse-grained EPDM granules bonded with polyurethane elastomer elastic layer: fine rubber granules bonded with polyurethane elastomer

Dimensions

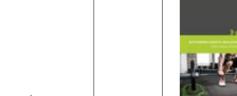
Roll width top layer: 1,250 mm elastic layer: 1,500 mm

(other lengths available on request)

Surface: 4 mm

standard (other thicknesses available on

request)



Roll length top layer: 30 m

elastic layer: 30 m

Thicknesses

Underlay: standard thickness SPORTEC®

SPORTEC® team cup X



Material

A mixture of black recycling rubber granules bonded with polyurethane elastomer

Dimensions

44

Roll width: 1,250 mm

Roll length [m/ at Thickness mm] 15/8, 12/10, 10/12, 8/15

Thicknesses

8, 10, 12, and 15 mm

SPORTEC® shockwave 3D



Material

A mixture of recycled rubber granules bonded with polyurethane elastomer

Dimensions

Roll width: 1,250 mm Roll length: 8 m

Thicknesses

8/4 mm

Other SPORTEC® brochures



Gymcoustic











Shooting

EPDM colour range eggshell RAL 1015 yellow RAL 1002

dark grey RAL 7011



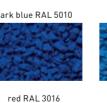
purple RAL 4005

pink RAL 4003



bright orange RAL 2008





medium grey RAL 7037



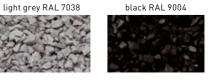


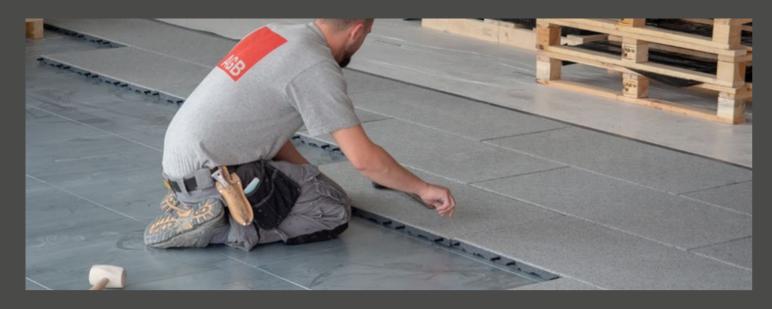
bright yellow RAL 1012



dark green RAL 6005











General installation instructions

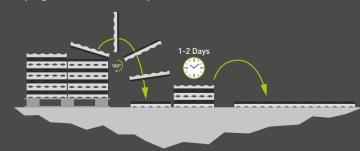
Required tools

gloves, measuring tape, cutter, chalk line, jigsaw and rubber hammer for tiles, pressure roller for rolls



Acclimatisation

The floor covering should be unstacked from the pallet before laying and stored 1-2 days where it will be laid.

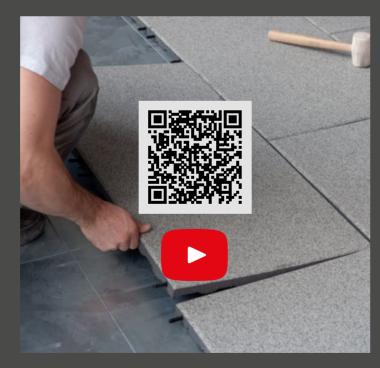


Adhesive (700 g/m²), varnish (100 ml/m²), cleaner (40 ml/m²)

Please add the required quantity to your order.

Detailed installation instructions for each product www.kraiburg-relastec.com/sportec/en/downloads

Installation videos on YouTube

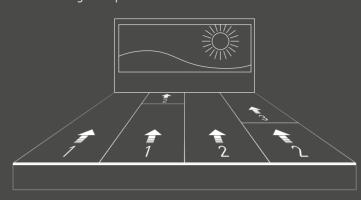




Installation of rolls

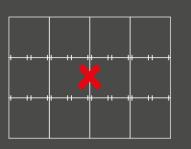
Installation of tiles

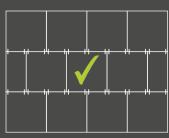
SPORTEC® rolls should always be aligned in the same direction to the brightest part of the room.



SPORTEC® rolls should be laid with pressure on the butted joints (close to overlapping). No welding or joint filler is required.

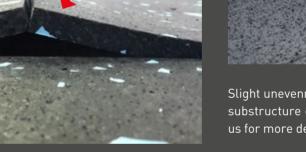
Our tiles are designed for installation without adhesive and should be laid in T-joints. The tiles are connected to each other via pre-installed connectors.



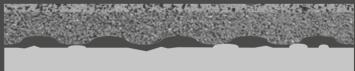


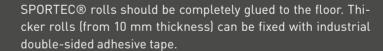
All tiles can be cut with a jigsaw, industrial cutter or table saw.





Slight unevenness of the substrate can be negated as the tiles' substructure compensates for this. Do not hesitate to contact us for more detailed advice.









SPORTEC® Frequently Asked Questions

Relastec.de 5G

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SPORTEC® Support Chat

SPORTEC® Team, You

Why should I use rubber flooring in my fitness center?

Rubber floors are soft, elastic and extremely robust all at the same time. On top of that, they are non-slip, help to reduce noise and vibration and are environmentally friendly.

So, perfect for your gym!





How thick does the rubber floor have to be?

For cardio areas it's best to take 6mm, 10mm for strength training areas and our SPORTEC® style tile in 30mm thickness for free-weight areas. As an all-rounder for small fitness centers you can also take 8 mm rolls.







6 mm

10 mm

30 mm (style) Do I need a varnish?

When exercising extremely often on the surface, a varnish makes sense to facilitate maintenance. However, we don't recommend varnish in wet areas or zones with punctual loads (e.g., dumbbell drop areas or ice rinks).



Can I repair a damaged varnished area?

Small damaged areas can be repaired with the RZ Refresher Set. For larger areas you have to remove the old varnish and then reseal.













The tenant under my gym complains about noise. How can your flooring help me?

Our floor coverings can help to improve acoustics. For example SPORTEC® style achieves a footfall sound improvement of approx. 24dB (according to EN ISO 10140).



Do I need an extra elastic layer?

Rubber naturally helps to reduce sound and vibration, but in extreme cases adding an extra elastic layer helps indeed.

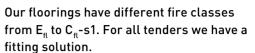
I have floor heating. Can I install a rubber floor on it?

You can use our roll materials such as SPORTEC® color or purcolor, up to a total thickness of 20mm thickness, on underfloor heating.

Is it true that rubber smells?

Like any other flooring, rubber has a typical odour. We neutralise this as much as possible in our production process and after installation it will reduce over time, but of course it helps if the rooms are well ventilated.

What about fire protection? 🎺





Which glue should I use?

All SPORTEC® products should be bonded with a 2-component PU adhesive. This is very resistant, especially for outdoor use.



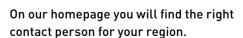
How long does the floor last?

Typically 8-10 years under normal use.

What do I do with the floor when I want to change it after a few years?

You do not have to tear it out. Leave it simply as an acoustic underlay for the new floor, whether it be tiles, parquet, laminate or even SPORTEC®!

Who is my contact person?



www.kraiburg-relastec.com/sportec/en/contact-persons



SUSTAINABILITY

Corporate Carbon Footprint, Product Carbon Footprint, Energy Management, Social and economic sustainability at KRAIBURG Relastec



CORPORATE CULTURE

Defined values, social norms and guidelines, for common action and cooperation inside and outside KRAIBURG Relastec.

Strong decision-making powers

We ensure speed in process handling, faster



Recycling of up to 60,000 t material

Every year, we process and recycle up to 60,000 tons of old tyres, closed-cell rubber and rubber production scrap.



Reduction of CO₂ emissions

By using recycled rubber granulate, we save more than 130,000 tonnes of CO₂ emissions per year compared to virgin rubber.



Corporate **Carbon Footprint**

The CCF was developed in accordance with the Greenhouse Gas Protocol audited.



Equal opportunities

We stand for equal opportunity, diversity, inclusion and religious diversity.



Social responsibility

Fair pay, collective bargaining, further training, career development, work-life integration.



Respect

We are honest, reliable, respectful and trustworthy towards our colleagues and partners.



Responsible for our actions

We take responsibility for all decisions and results. Error acceptance is firmly anchored in our culture.

technology optimisations and lean processes.



Transparency

We practice open, transparent cooperation both inside and outside the company.



Product Carbon Footprint

The PCF is calculated in accordance with ISO 14067 and ISO 14040/44 audited.



Energy management according to ISO 50001

Our energy management system is identified according to ISO 50001. Energy-relevant topics are taken into account in all processes of the organisation.



Voluntary rating

The ecovadis rating is an evaluation of companies with regard to CSR topics. This includes ethical aspects, sustainable procurement, the environment and ecological sustainability.



Personal contact persons

We do not hide behind support hotlines and contact forms. With us, you have personal, competent contact persons.



Product quality

Our products meet the highest quality standards. They are durable, a perfect fit and made from high-quality raw materials.

We continuously develop new products according to the requirements of our customers and the market.



Easy complaint management

WHAT SETS US APART

Internationality

Transparent and optimised processes ensure rapid processing.

With an export quota of over 50%, we have alrea-

dy exported our products to over 100 countries.



Flexibility with customer requirements

We offer our partners customised options for packaging, labelling and delivery, packaging, labelling and delivery.



Long-term relationships

We maintain long-term relationships with our customers and suppliers based on mutual respect and fairness.



Marketing support

We provide you with the best possible support in the form of images or in the design of your documents.



Member of NEW LIFE initiative

The declared aim of NEW LIFE is to demonstrate the advantages of recycled products from End-of-Life Tires (ELT) to the media, politicians and the general public and to motivate them to act sustainably. More information: www.initiative-new-life.de/en



Social sustainability

Acting in accordance with our values such as equal opportunities, social responsibility, respectful treatment and transparency are the foundations for social sustainability in practice.



Economic sustainability

As a family business, KRAIBURG Holding pursues a long-term strategy. Profits generated are used to a significant extent to make our holistic business model ever more efficient and future-proof.



Innovation and product design

MORE FROM YOUR FLOOR



Sports flooring and elastic layers

made from rubber granules

KRAIBURG Relastec GmbH & Co.KG Fuchsberger Straße 4 · D-29410 Salzwedel

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