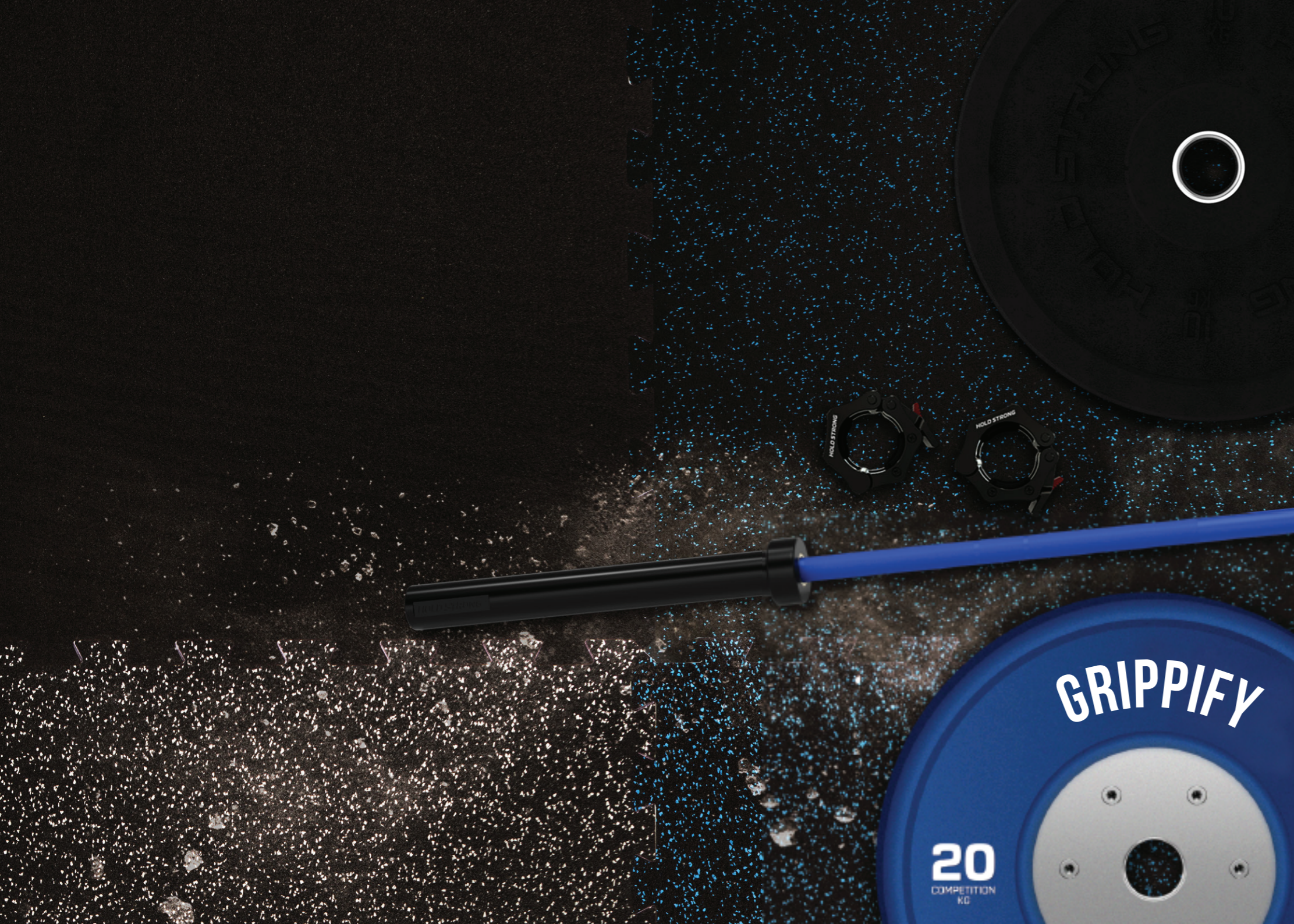


# GRIPIFY

SPORTS FLOORING PUZZLES

DATASHEET

[WWW.GRIPIFY.SI](http://WWW.GRIPIFY.SI)



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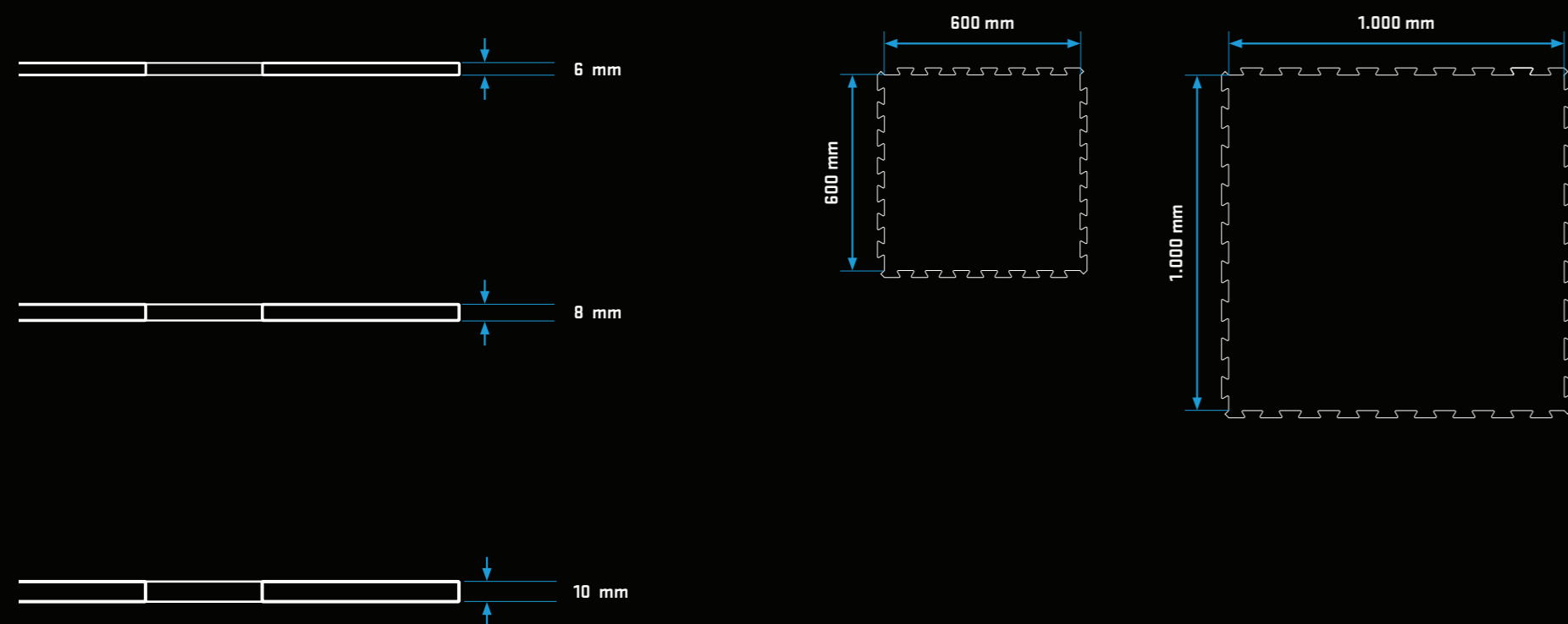
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# I. THICKNESS & COLOURS

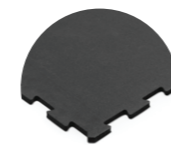
Our Puzzle Tiles are available in a suitable thickness for every purpose. From as thin as 6 mm all the way up, in 2 mm increments, to 10 mm. Our standard puzzle dimensions are 60 x 60 cm and 100 x 100 cm.

## THICKNESSES



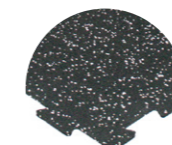
## OUR COLOURS

### PURE BLACK



BLACK

### FIVE



GREY



BLUE



LILA



ORANGE



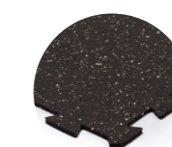
YELLOW



RED



SAMBA

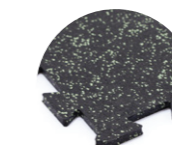


STARS

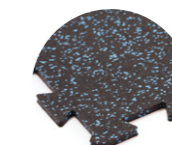
### CLASSIQ



GREY



GREEN



BLUE



YELLOW



RED

## II. SPORTSFLOORING PUZZLES

**From 6 mm**

home gyms

**From 8 mm**

light functional zones up to 50 m<sup>2</sup>

**From 10 mm**

light functional zones from 50 to 100 m<sup>2</sup>

**The sportsflooring puzzle tiles are manufactured from predominantly recycled black rubber crumb from truck tires, the coloured options have a percentage of new EPDM added to the mix. As a result of exclusively using truck tires this flooring has a very fine and smooth surface.**

Our highly compact and maximally robust rubber floor covering is immune to moisture and water, rot proof, elastic, insulates against impact sound and is suitable for a wider range of applications:

Exhibitions, trade fairs and booths, fitness centres, crosstraining boxes, leisure rooms, sports centres, cloakrooms, ice rinks, mountain stations and many more facilities.



## III. PREPARATION

### SUBFLOOR

The surface must be smooth, level (levelled) and clean/dry.

### PREPARATION

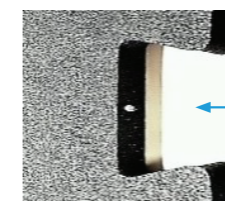
- We recommend leaving the puzzles at room temperature for a few hours (ideally 24) before final laying and cutting to allow the surface to acclimatise.
- Underfloor heating must be turned off 24 hours before installation and must only be turned back on after the adhesive has cured.

### GLUE TO THE SUBFLOOR

For complete surface adhesion and minimal visibility of the seams, we recommend gluing the rubber to the substrate. In this case, the glue manufacturer's specific adhesive recommendations should be followed. If you have any doubts about the substrate or areas of application, please contact the relevant adhesive glue manufacturer directly.

## IV. INSTALLATION

Interlock the puzzles and close the joints with a rubber hammer.



Note the marking in the laying direction for puzzle mats in order to avoid a checkerboard effect. Make sure that the white markings always points in the same direction!

### LOOSE LAY

We recommend gluing the puzzle tiles to the subfloor for the best possible result. Often, however, the puzzle tiles are laid loose, this is possible for a temporary floor such as a showroom or a trade fair. This will not give the best results for longer or more intensive use. Pay attention to the linear expansion of the rubber tiles when laying, especially with fluctuations in temperature and humidity. When uncertain, please consult us prior to install.

### CUTTING

The material can be cut using a sharp knife or a carpet knife.

# V. CLEANING

## CLEANING

To prevent excessive dirt on the floor, we recommend installing dirt traps at entrances. Keep the floor free of oil, petrol and acids. The floor is best cleaned with a damp cloth or mop. In addition, regular sweeping or vacuuming is sufficient. Slightly adhering dirt can be removed with a damp cloth. Heavier dirt can be cleaned with a mild detergent or mild soap dissolved in water. Always clean with clean water afterwards.

Stains must be removed as soon as possible because certain substances can react with the surface. After this, these stains are very difficult to remove, or can no longer be removed at all. We always advise to contact a professional party for cleaning the floors. No claims can be accepted when unauthorized cleaning products are used.

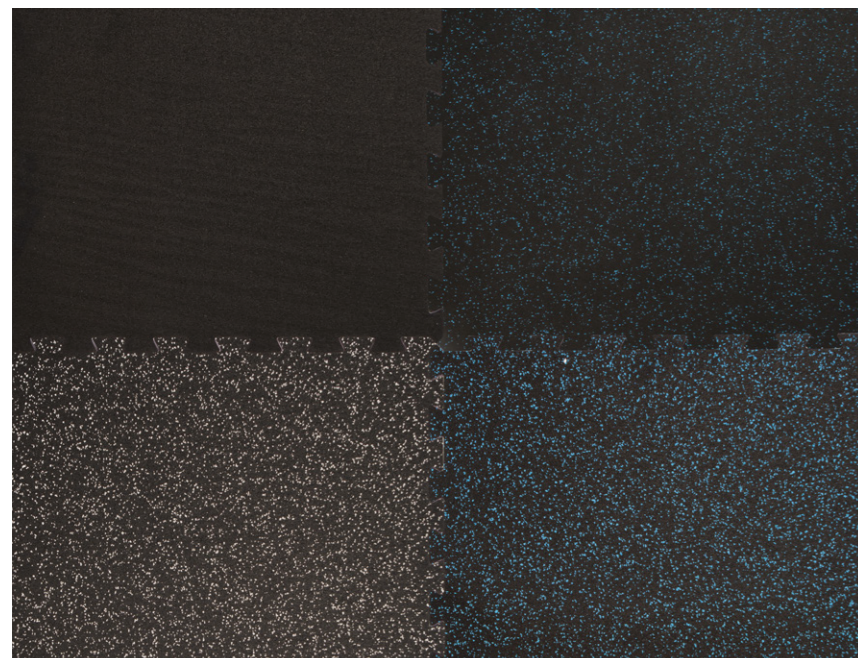
## REMARKS:

*Although highly compressed, it can still absorb slightly porous surface liquids. So, depending on the application, for hygienic reasons and to simplify cleaning, a 2-K PU waterproof sealant or hardwax can be applied to the installed floor covering using a suitable coating roll.*

## CLEANING



## VI. BENEFITS



**INTERLOCKING PUZZLE SYSTEM**



**EUROPEAN MANUFACTURED**



**100% RECYCLED RUBBER USED**



**ODOURLESS**

# 01. PURE BLACK

<b>DIMENSIONS</b>	600 x 600	1.000 x 1.000 mm
THICKNESSES	6 mm • 8 mm • 10 mm	
TOLERANCES	WIDTH ± 1,5 % • LENGTH ± 1,5 %	
COMPOSITION	<b>PURE BLACK</b>	SBR rubber granules bonded with PUR

## MATERIAL PROPERTIES

TOUGH ELASTIC • HIGH COMPRESSION RESISTANCE AND IMPACT STRENGTH • SKID AND SPIKE

RESISTANT • NON-SLIP HIGH ABRASION RESISTANCE • COMFORTABLE • NOISE INSULATING.

## SPECIFICATIONS

BULK DENSITY	Approx. 980 kg/m <sup>3</sup>			
ULTIMATE TENSILE STRENGTH	> 1.8 N/mm <sup>2</sup>   Elongation at break: 98 %		EN 12230	
COMPRESSION	<b>10 mm:</b>	9 % DVR with a compression of 25 %	ISO 815	
MAX. COMPRESSION	<b>AT 5N/mm<sup>2</sup> 12mm:</b>	2.32 mm without visible damage	EMPA	
SHOCK ABSORPTION	<b>6 mm:</b> 15,7 %	<b>8 mm:</b> 17,4 %	<b>10 mm:</b> 18,5 %	EN 14904
TEMPERATURE STABILITY	30° C to +80° C (in resting condition -120° C and for short periods up to +300° C)			
DIMENSIONAL CHANGE AFTER HEAT EXPOSURE				
<b>PURE BLACK</b>	<b>Longitudinal</b> 0,15%	<b>Across</b> 0,0 %	<b>Warping</b> 0 mm	EN 434
THERMAL CONDUCTIVITY	0,17 W/(mK)		EN 12230	
FIRE BEHAVIOUR	E <sub>fl</sub> - S2		EN 13501	
SOUND IMPROVEMENT	<b>6 mm:</b> 17 dB	<b>8 mm:</b> 18 dB	EN ISO 10140	
ANTI-SLIP PROPERTY	Class R 10	DIN 51130		
	Class DS	EN 14041		
DYNAMIC COEFFICIENT OF FRICTION	μ 0.57		EN 13893	
ELECTRICAL PROPERTIES	-0.7 kV (antistatic)		EN 1815	
STATIC STIFFNESS	at a maximum load of 8 kN (evaluation)*			
DYNAMIC STIFFNESS	at average loads from 0.4 to 4 kN and frequencies from 5 to 40 Hz (evaluation)*			
VAPOUR DIFFUSION	Vapour permeable			
CHEMICAL BEHAVIOUR	Resistant to water, numerous diluted acids and alkaline solutions		EN 423	

\*charts available upon request

CHICALLY NEUTRAL • UV-RESISTANT

## PURE BLACK

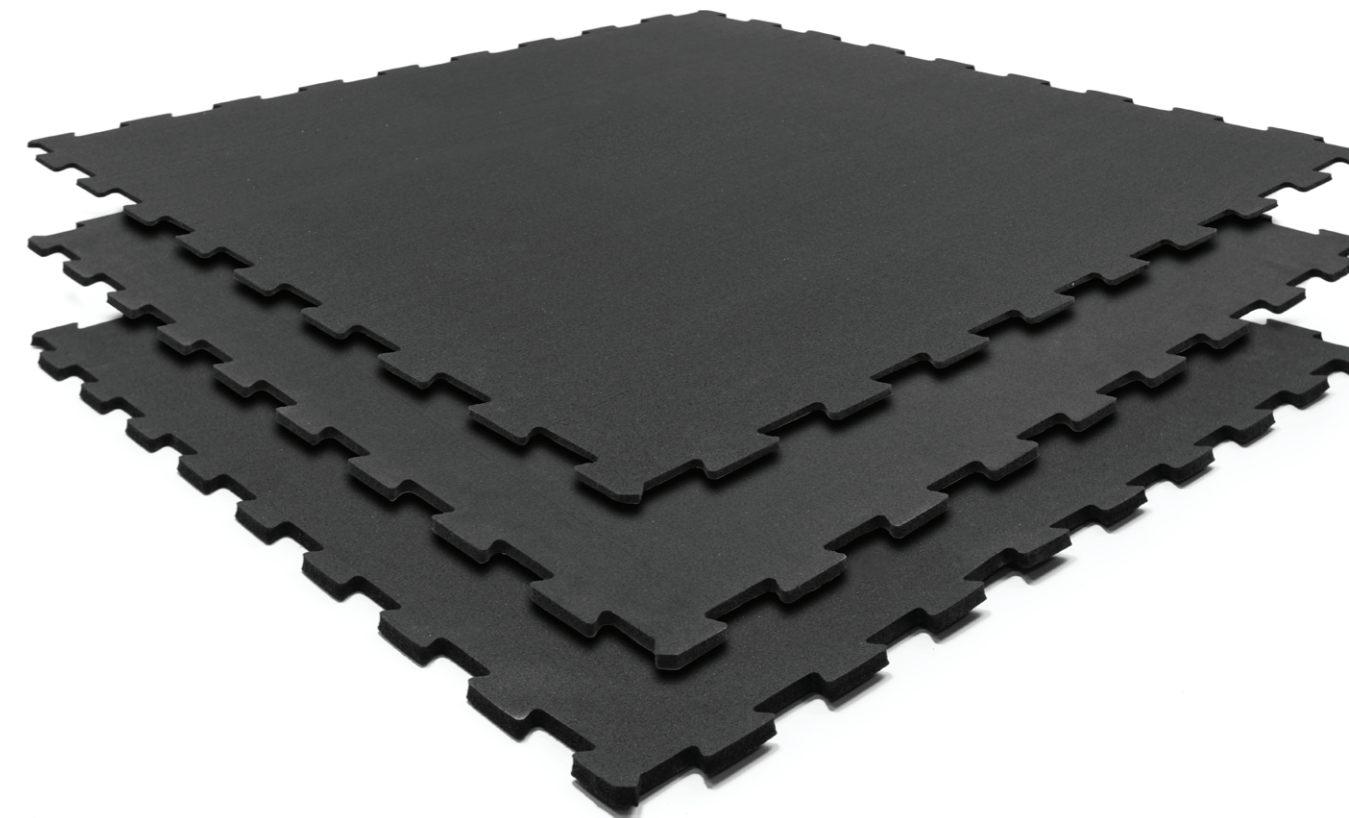
SBR rubber granules bonded with PUR

BLACK

From 6 mm

From 8 mm

From 10 mm



## 02. FIVE

<b>DIMENSIONS</b>	600 x 600	1.000 x 1.000 mm
THICKNESSES	6 mm • 8 mm • 10 mm	
TOLERANCES	WIDTH ± 1,5 % • LENGTH ± 1,5 %	
COMPOSITION	FIVE	SBR and EPDM rubber granules bonded with PUR

**MATERIAL PROPERTIES**

TOUGH ELASTIC • HIGH COMPRESSION RESISTANCE AND IMPACT STRENGTH • SKID AND SPIKE

RESISTANT • NON-SLIP HIGH ABRASION RESISTANCE • COMFORTABLE • NOISE INSULATING.

**SPECIFICATIONS**

BULK DENSITY	Approx. 980 kg/m <sup>3</sup>			
ULTIMATE TENSILE STRENGTH	> 1.8 N/mm <sup>2</sup>   Elongation at break: 118 %		EN 12230	
COMPRESSION	10 mm:	9 % DVR with a compression of 25 %	ISO 815	
MAX. COMPRESSION	AT 5N/mm <sup>2</sup> 12mm:	2.32 mm without visible damage	EMPA	
SHOCK ABSORPTION	6 mm: 15,7 %	8 mm: 17,4 %	10 mm: 18,5 %	EN 14904
TEMPERATURE STABILITY	30° C to +80° C (in resting condition -120° C and for short periods up to +300° C)			
DIMENSIONAL CHANGE AFTER HEAT EXPOSURE				
PURE BLACK	Longitudinal 0,15%	Across 0,0 %	Warping 0 mm	EN 434
THERMAL CONDUCTIVITY	0,17 W/(mK)		EN 12230	
FIRE BEHAVIOUR	E <sub>F1</sub> - S2		EN 13501	
SOUND IMPROVEMENT	6 mm: 17 dB	8 mm: 18 dB	EN ISO 10140	
ANTI-SLIP PROPERTY	Class R 10	DIN 51130		
	Class DS	EN 14041		
DYNAMIC COEFFICIENT OF FRICTION	μ 0.57		EN 13893	
ELECTRICAL PROPERTIES	-0.7 kV (antistatic)		EN 1815	
STATIC STIFFNESS	at a maximum load of 8 kN (evaluation)*			
DYNAMIC STIFFNESS	at average loads from 0.4 to 4 kN and frequencies from 5 to 40 Hz (evaluation)*			
VAPOUR DIFFUSION	Vapour permeable			
CHEMICAL BEHAVIOUR	Resistant to water, numerous diluted acids and alkaline solutions		EN 423	

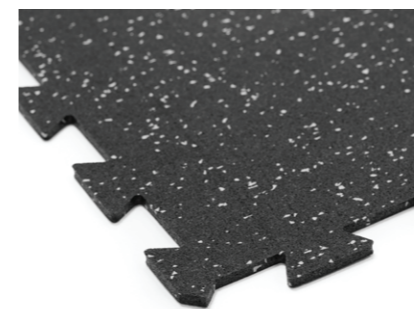
\*charts available upon request

CHICALLY NEUTRAL • UV-RESISTANT

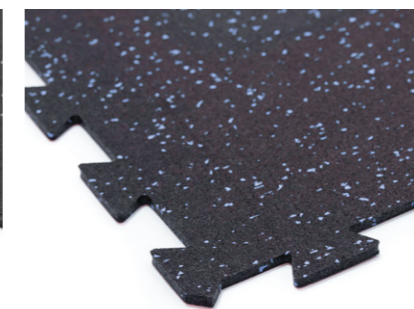
**FIVE**

95% SBR and 5 % EPDM rubber granules bonded with PUR

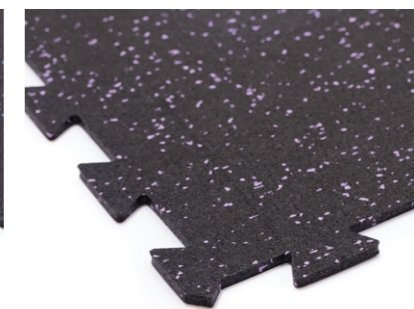
GREY



BLUE



LILA



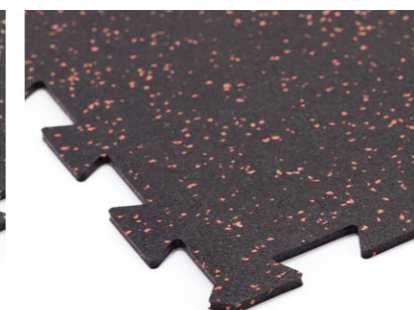
ORANGE



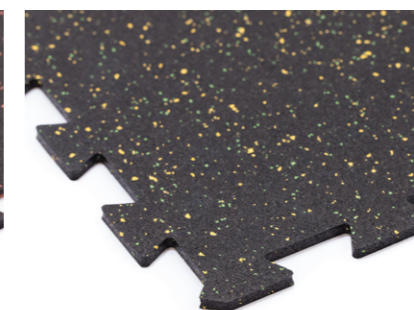
YELLOW



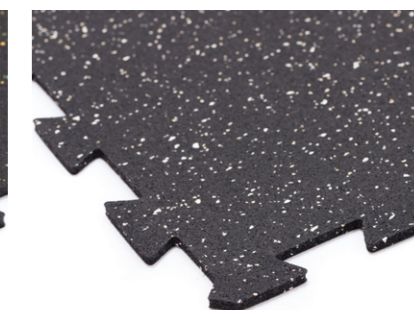
RED



SAMBA



STARS



## 03. CLASSIQ

<b>DIMENSIONS</b>	600 x 600	1.000 x 1.000 mm
THICKNESSES	6 mm • 8 mm • 10 mm	
TOLERANCES	WIDTH ± 1,5 % • LENGTH ± 1,5 %	
COMPOSITION	CLASSIQ SBR and EPDM rubber granules bonded with PUR	

**MATERIAL PROPERTIES**

TOUGH ELASTIC • HIGH COMPRESSION RESISTANCE AND IMPACT STRENGTH • SKID AND SPIKE

RESISTANT • NON-SLIP HIGH ABRASION RESISTANCE • COMFORTABLE • NOISE INSULATING.

**SPECIFICATIONS**

BULK DENSITY	Approx. 980 kg/m <sup>3</sup>			
ULTIMATE TENSILE STRENGTH	> 1.8 N/mm <sup>2</sup>   Elongation at break: 118 %		EN 12230	
COMPRESSION	<b>10 mm:</b>	9 % DVR with a compression of 25 %	ISO 815	
MAX. COMPRESSION	<b>AT 5N/mm<sup>2</sup> 12mm:</b>	2.32 mm without visible damage	EMPA	
SHOCK ABSORPTION	<b>6 mm:</b> 15,7 %	<b>8 mm:</b> 17,4 %	<b>10 mm:</b> 18,5 %	EN 14904
TEMPERATURE STABILITY	30° C to +80° C (in resting condition -120° C and for short periods up to +300° C)			
DIMENSIONAL CHANGE AFTER HEAT EXPOSURE				
PURE BLACK	<b>Longitudinal</b> 0,15%	<b>Across</b> 0,0 %	<b>Warping</b> 0 mm	EN 434
THERMAL CONDUCTIVITY	0,17 W/(mK)		EN 12230	
FIRE BEHAVIOUR	E <sub>F1</sub> - S2		EN 13501	
SOUND IMPROVEMENT	<b>6 mm:</b> 17 dB	<b>8 mm:</b> 18 dB	EN ISO 10140	
ANTI-SLIP PROPERTY	Class R 10		DIN 51130	
	Class DS		EN 14041	
DYNAMIC COEFFICIENT OF FRICTION	μ 0,57		EN 13893	
ELECTRICAL PROPERTIES	-0,7 kV (antistatic)		EN 1815	
STATIC STIFFNESS	at a maximum load of 8 kN (evaluation)*			
DYNAMIC STIFFNESS	at average loads from 0,4 to 4 kN and frequencies from 5 to 40 Hz (evaluation)*			
VAPOUR DIFFUSION	Vapour permeable			
CHEMICAL BEHAVIOUR	Resistant to water, numerous diluted acids and alkaline solutions		EN 423	

\*charts available upon request

CHICALLY NEUTRAL • UV-RESISTANT

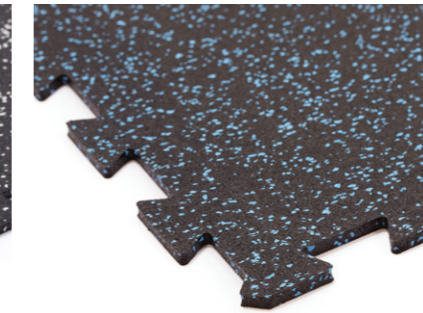
**CLASSIQ**

80% SBR and 20 % EPDM rubber granules bonded with PUR

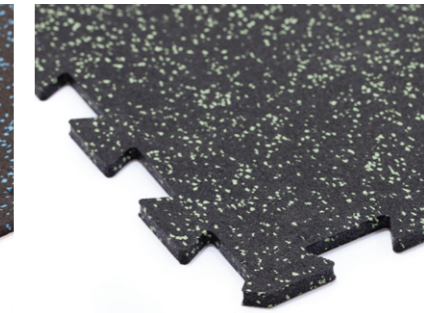
GREY



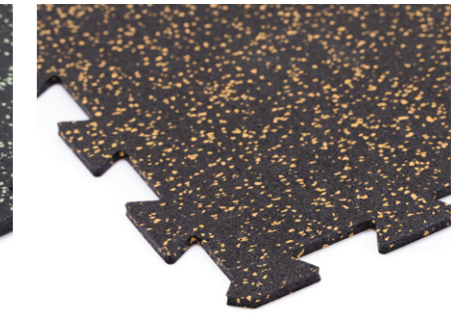
BLUE



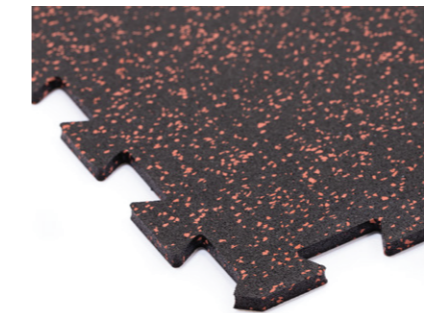
GREEN



YELLOW



RED





SPORTSFLOORING PUZZLES

THANK YOU