



# SBR GRANULATE FITNESS TILE

DATASHEET

[www.stockz.eu](http://www.stockz.eu)

# CUSTOMER CARE COMES FIRST!

**Stockz B.V.** is founded in 2017 by two ambitious entrepreneurs. They recognized that too often fitness flooring was seen as an afterthought, which lead to various issues such as:

- Missed opening dates because of untimely deliveries;
- Quality issues because of incorrect decisions on what product to lay in which area of the health club;
- Budget challenges because of significant overspending due to urgency;

Large European rubber flooring manufacturers were not organized to deliver smaller, steady supplies at the right quality and level service to an industry so specific with its demands and wishes as the fitness industry.

**Stockz** differentiates its self by being able to deliver a vast range of high quality rubber floor coverings, directly from stock, at a competitive level!

We also pride ourselves in the fact that we contribute significantly to the circular economy; our rubber products consist almost exclusively of recycled car and truck tires reliable throughout Europe and beyond

We stock products such as:

- Sportsflooring by roll
- Fitness tiles
- SBR playground tiles
- Various rubber granulate underlay solutions
- Tile carriers
- Anti-slip mats for load securing
- Foam from recycled mattresses
- Various other technical products made from crumb rubber and/or vulcanized rubber

**Stockz** holds office and warehouse in the Netherlands

**Stockz B.V.**  
**Duurzaamheidsstraat 33**  
**8094 SC Hattemerbroek**  
**The Netherlands**

## YOU ARE WELCOME TO COME AND SEE US!





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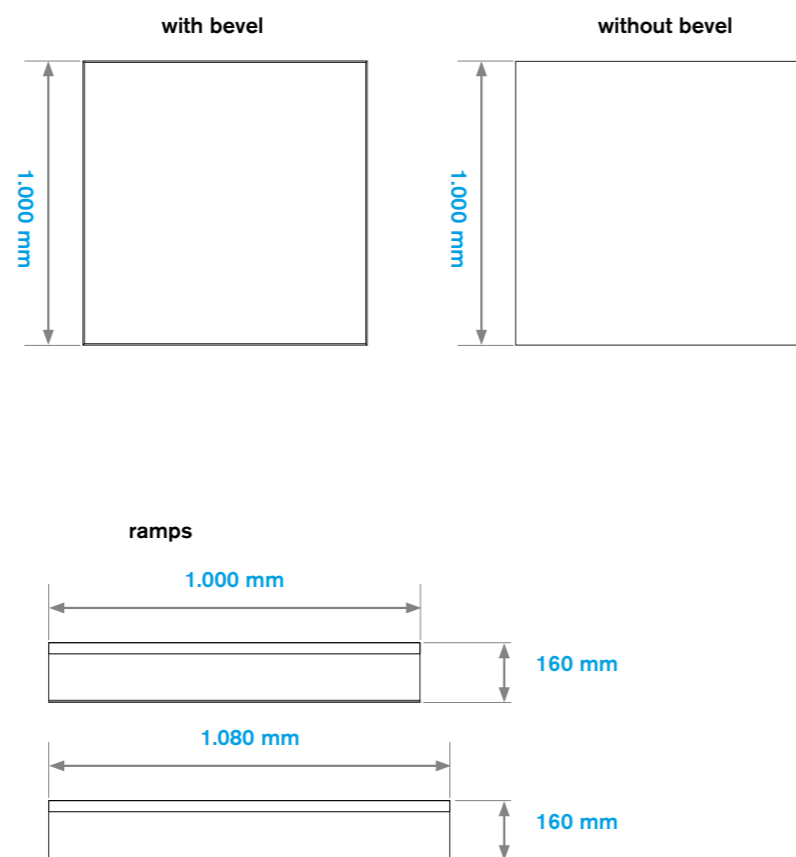
## I. THICKNESS & DIMENSIONS

### THICKNESS

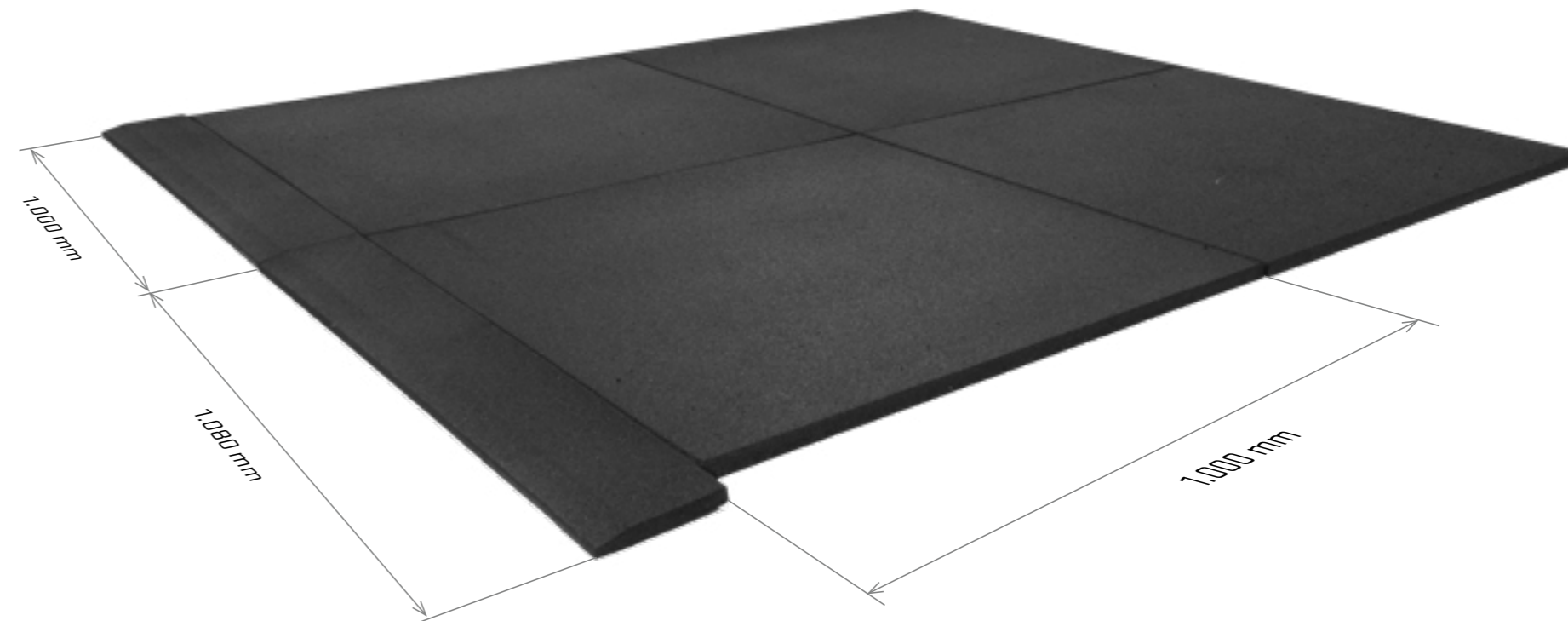
<b>BASIC</b> FLAT	20 mm
<b>STANDARD</b> FLAT	15 mm • 20 mm • 30 mm
<b>STANDARD</b> FLAT (4-PIN)	20 mm • 30 mm
<b>STANDARD</b> FLAT (4-PIN) LAMINATED	20 mm • 30 mm
<b>STANDARD</b> ANTI-SHOCK	30 mm • 43 mm • 50 mm • 60 mm
Premium WITHOUT BEVEL	10 mm • 15 mm • 20 mm
<b>PREMIUM</b> WITH BEVEL	15 mm • 20 mm

Our **Standard Fitness Tiles** are available in various thicknesses  
Most thicknesses have matching edges, corner profiles can be created  
from cutting the edges.

### DIMENSIONS



## DIMENSIONS



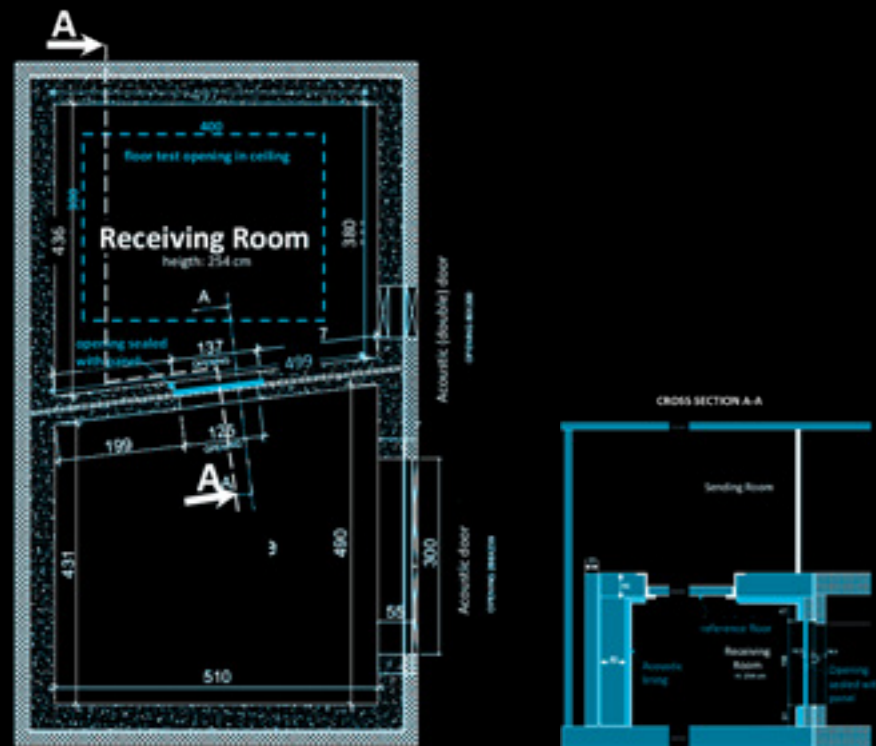
## II. NOISE REDUCTION

One of the most common complaints about fitness facilities, coming from both members as neighbours, is that sound and vibration travels further and more intense than people feel comfortable with. Cautiously made decisions with regards to particularly your performance areas can play a pivotal role in the success of your business.

Here at **Stockz** we have worked hard to create the ideal solution for maximum sound reduction, whilst also making sure not to add unreasonable extra costs to this product.

Our thicker **Standard Fitness Tiles (30, 43, 53, 63)** were purposely engineered with a unique structured bottom which minimizes contact with the subfloor. Together with the tiles' composition and construction it intercepts, absorbs and disperses sound and vibration.

Even though the thinner tiles (20 mm) have a flat bottom, the ones we have tested still reach significant sound and impact vibration improvements.



The test rooms meet the requirements of ISO 10140-5. Both rooms are isolated for vibrations by using a so called room-in-room construction.

## CERTIFIED NOISE REDUCING CAPABILITES

In order to solidify our findings, we have partnered up with an acoustics laboratory accredited according to NBN EN ISO 17025:2005, to execute a test for measurement of the reduction of impact noise by a floating floor system on a heavyweight standard floor.

The full report can be provided on request.

Summarizing the report, using our **Standard Fitness Tiles**, leads to the following results:

20 MM THICKNESS

23 DB REDUCTION\*

43 MM THICKNESS

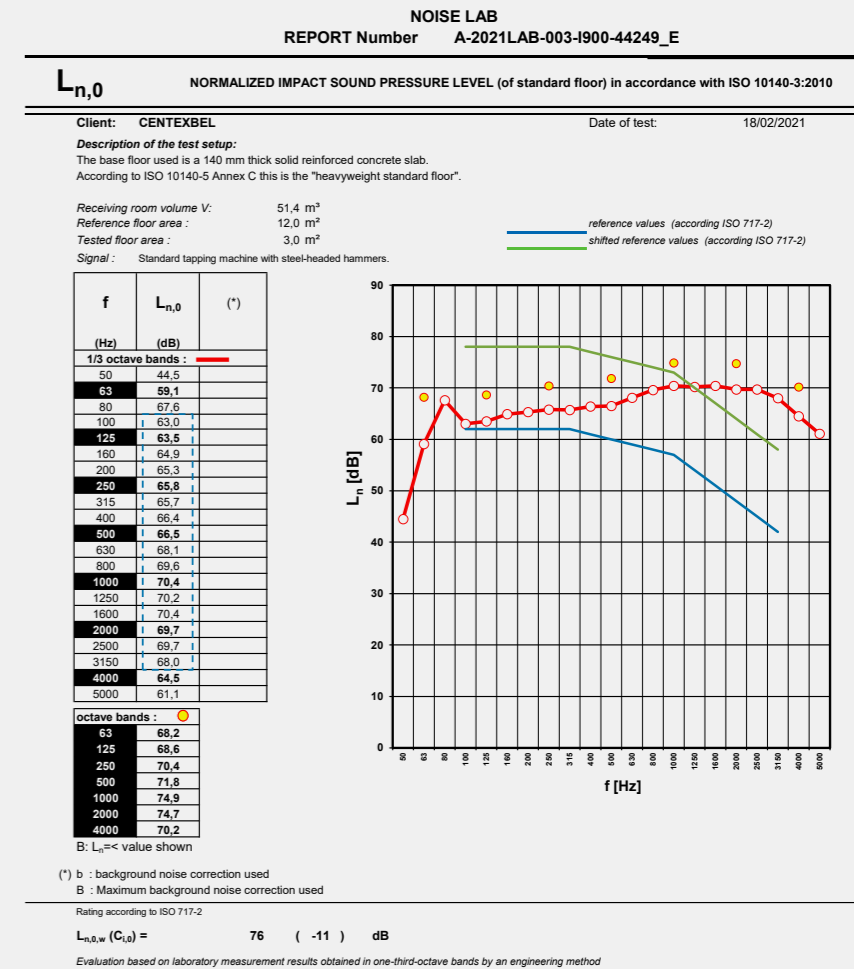
25 DB REDUCTION

50 MM THICKNESS

25 DB REDUCTION

60 MM THICKNESS

25 DB REDUCTION



### III. INSTALLATION HALF BRICK WISE

Step 1



Step 2



Step 3



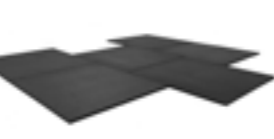
Step 4



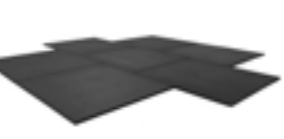
Step 5



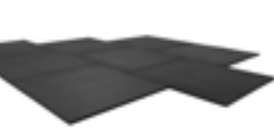
Step 6



Step 7



Step 8

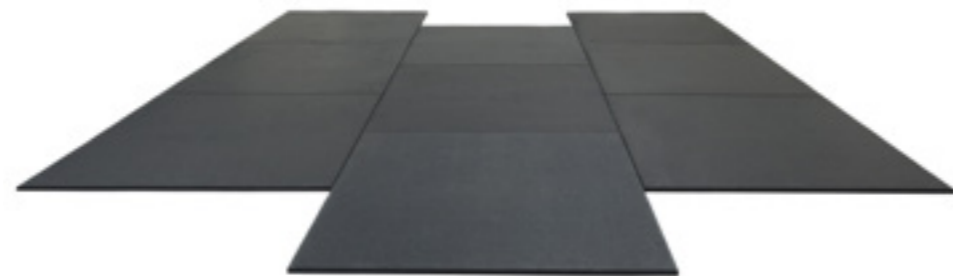


For the **BASIC**, **STANDARD** as well as the **PREMIUM Fitness Tile** we recommend to work with a small overlap of 1 cm per every 5 tiles. After installing the complete area, the tiles can be squeezed in and this will make the small gaps dissolve. For the **PREMIUM Fitness Tiles** we recommend an overlap of 0.5 cm per every 10 tiles.

When the connectors are being used, these tiles can be installed without any overlap.

An animated installation video can also be made available upon request.

#### FINAL LOOK



### III. INSTALLATION CORNER TO CORNER

We strongly recommend that if you prefer a *corner to corner* installation the **PREMIUM Fitness Tiles** should be used.

**BASIC- and STANDARD** Fitness Tiles are better suited for a *half-brick* installation.

Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



Step 8



#### FINAL LOOK



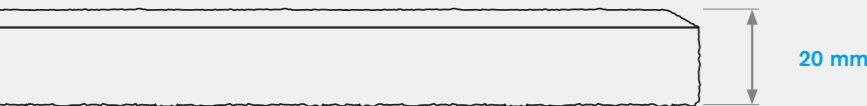
## 01. BASIC FITNESS TILE

The impact absorbing recycled rubber fitness tiles are made and designed for any freeweight and/or functional area.

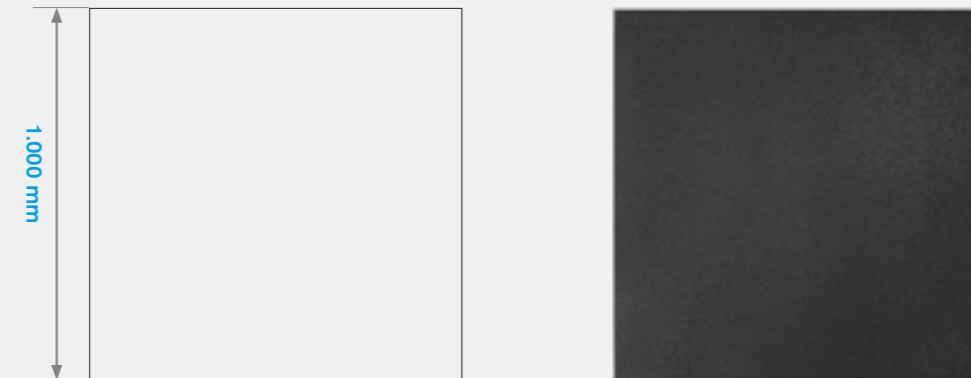
The **BASIC Fitness Tile** has a 2-layer system; the bottom consists of coarse granules and the top layer of 5 mm consists of finer granules. The density is around 875 kg/m<sup>3</sup>. These tiles are manufactured in the EU and consist solely out of recycled European car tires, bonded with PU.

Because of only using high quality raw material our standard tiles are pretty much odourless which makes these a great match even for small, fully closed off rooms.

### THICKNESS



### DIMENSIONS

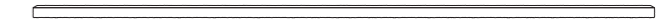


## THE BOTTOM

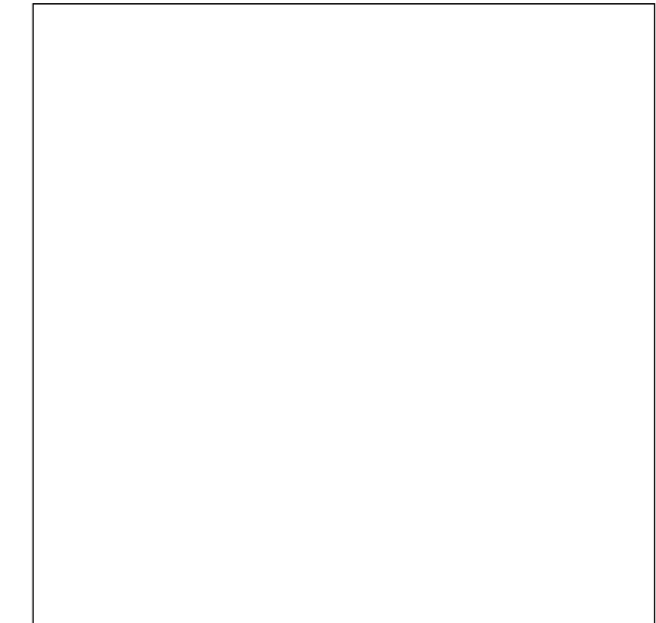
### FLAT

Provides stability and uniform support, suitable for exercises requiring balance and stability.

### SIDE VIEW



### BOTTOM VIEW



**IMAGE** BASIC Fitness Tile - 1.000 x 1.000 x 20 mm

## 01. BASIC FITNESS TILE

The BASIC Fitness Tile Black consists exclusively of **recycled SBR granules, bonded with PU.**

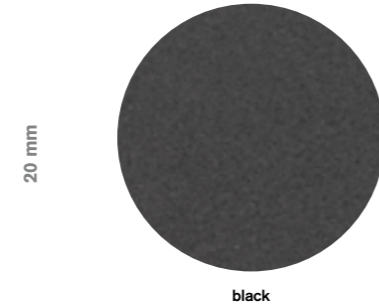
### SPECIFICATIONS

Bulk density toplayer	OTP 1168, PN-EN ISO 845:2010	Approx. 875 kg/m <sup>3</sup>
Tolerances	width ± 1 % • length ± 1 % • thickness ± 5 %	
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,3 m at 20 mm thickness
Slip resistance	PN-EN 13036-4:2004	dry ≤105 PTV wet ≤75 PTV
Thermal resistance		0,16 m <sup>2</sup> . K/W
Tensile strength, MPA		≤ 0,65
Elongation at break	PN-EN 12230:2005	≤ 40
Hardness	PN-ISO 868 PN-93 / C-04206	55 up to 75
EU fire classification	EF1	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	
Warranty	one year*	

\*warranty against manufacturing default – as described in our general Terms and Conditions

### COLOURS      Dimensions & Thickness

Dimension      1000 x 1000 mm



black



## II. BASIC BENEFITS



**EUROPEAN MANUFACTURED**



**100% RECYCLED RUBBER USED**



**ODOURLESS**

BASIC FITNESS TILE

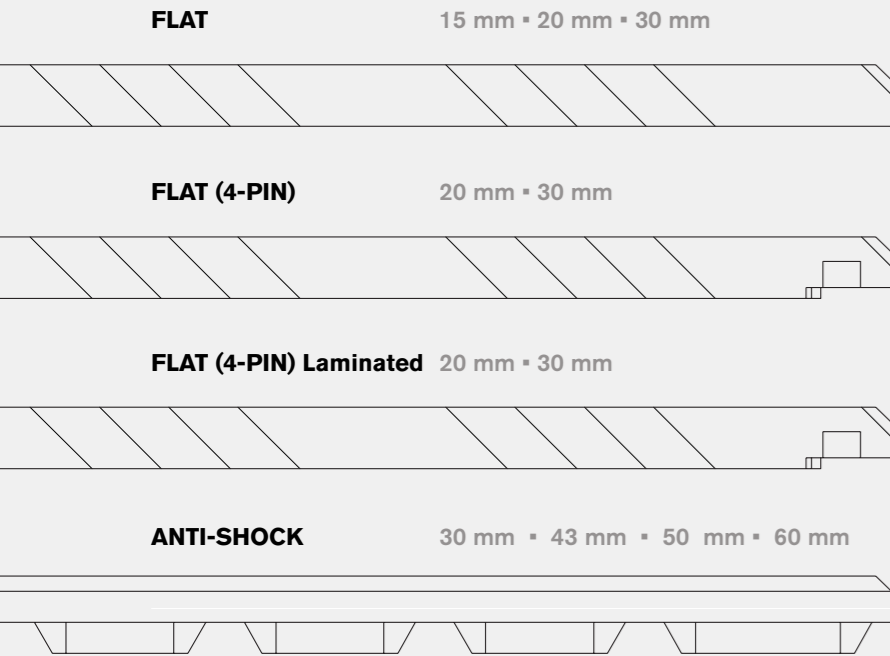


**IMAGE** BASIC Fitness Tile - 1.000 x 1.000 x 20 mm

## 02. STANDARD FITNESS TILE



### THICKNESS



The high impact absorbing recycled rubber fitness tiles are made and designed for any freeweight and/or functional area.

The **STANDARD Fitness Tile** has a 2-layer system; the bottom consists of coarse granules and the top layer of 5 mm consists of finer granules. The density is up to 950 kg/m<sup>3</sup>. These tiles are manufactured in the EU and consist solely out of recycled European car tires, bonded with PU. Because of only using high quality raw material our standard tiles are pretty much odourless which makes these a great match even for small, fully closed off rooms.

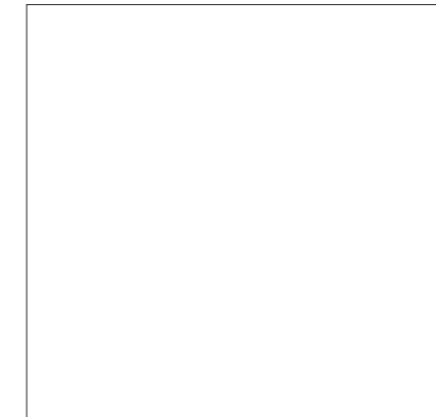
### DIMENSIONS



## THE BOTTOMS

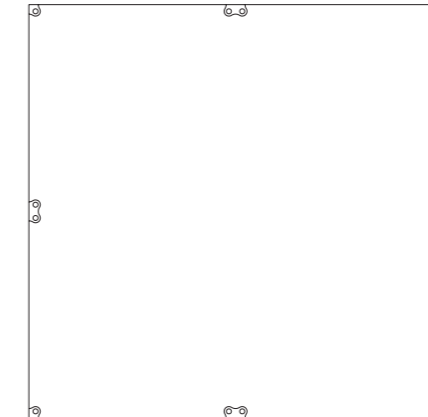
### FLAT

Provides stability and uniform support, suitable for exercises requiring balance and stability.



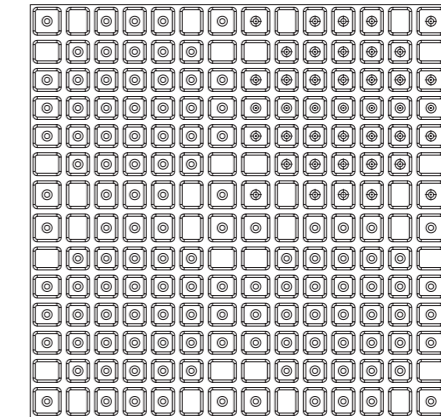
### FLAT CONNECT

Similar to the flat bottom, but with the differentiating option of adding a connecting system easing installation and minimizing potential gaps between tiles.



### ANTI-SHOCK

Our anti-shock bottom is designed to disperse even more sound & impact vibration.



### ILLUSTRATIONS

BASIC Fitness Tile - 1.000 x 1.000

## 02. STANDARD FITNESS TILE

The STANDARD Fitness Tile Black consists exclusively of recycled **SBR granules, bonded with PU.**

### SPECIFICATIONS

Bulk density toplayer	OTP 1168, PN-EN ISO 845:2010	Approx. 900 to 950 kg/m <sup>3</sup>
Tolerances	width ± 1 % • length ± 1 % • thickness ± 5 %	
Force Reduction	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,8 m at 60 mm thickness
Slice Resistance (pendulum)	PN-EN 13036-4:2004	dry ≤105 PTV wet ≤75 PTV
Thermal resistance		Approx. 0,16 m <sup>2</sup> . K/W
Abrasion resistance, mg	PN-EN ISO 5470-1:2001	≤ 560
Tensile strength, MPA		≤ 0,65
Elongation at break	PN-EN 12230:2005	≤ 40
Hardness	PN-ISO 868 PN-93 / C-04206	55 up to 75
EU fire classification	EF1	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	
Warranty	one year*	

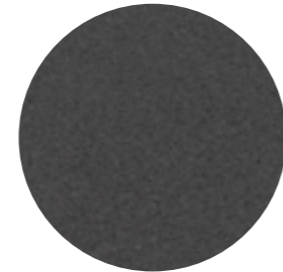
\*warranty against manufacturing default – as described in our general Terms and Conditions

### COLOURS Dimensions & Thickness

#### Dimension

1.000 x 1.000 mm

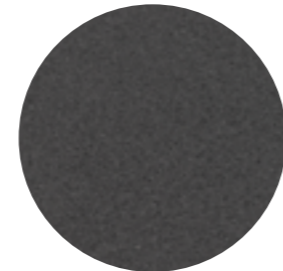
20 mm



black

1.000 x 1.000 mm

30 mm



black



## 02. STANDARD FITNESS TILE LAMINATED

The STANDARD Fitness Tile Laminated consists exclusively of recycled **SBR granules, bonded with PU.**

### SPECIFICATIONS

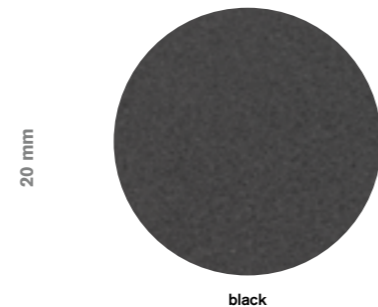
Bulk density toplayer	PN-ISO 845:2010	910/940
Tolerances	ISO 3302-1/manual m. (M3/M4)	width/length $\pm$ 5 mm • thickness $\pm$ 2 mm
Force Reduction	EN 14904:2006	Class P2
Vertical deformation	EN 14904:2006	20 mm: 2,4 mm    30 mm: 2,6 mm
Head injury criteria (HIC) test	PN-EN 1177	20 mm: $\leq$ 0,9 PTV    30 mm: $\leq$ 1,1 PTV
Slice Resistance (pendulum)	EN 14904:2006	95 Units
Thermal resistance R-Value	EN 12664:2002	20 mm: 0,155 m <sup>2</sup> K/W    30 mm: 0,218 m <sup>2</sup> K/W
Abrasion resistance, mg	PN-ISO 4649:2007	500
Tensile strength, MPA	PN-EN 12230:2023-06	20 mm: $\leq$ 0,65    30 mm: $\leq$ 0,60
Elongation at break	PN-EN 12230:2023-06	20 mm: $\leq$ 45    30 mm: $\leq$ 40
Hardness	PN-EN ISO 868	55 - 70 Shore A
Reaction to Fire	PN-EN ISO 13501-1	EF1 s1
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	
Warranty	one year*	

\*warranty against manufacturing default – as described in our general Terms and Conditions

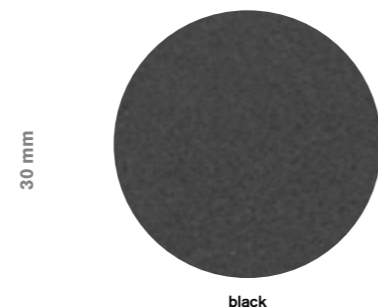
### COLOURS    Dimensions & Thickness

#### Dimension

1.000 x 1.000 mm



1.000 x 1.000 mm



## 02. STANDARD BENEFITS



**HIGH DENSITY**



**EUROPEAN MANUFACTURED**



**100% RECYCLED RUBBER USED**



**ODOURLESS**

## TOP VIEWS

FLAT



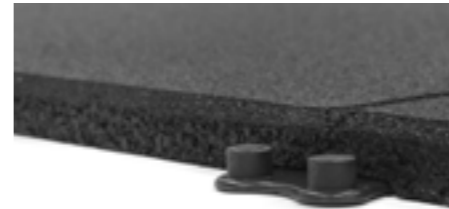
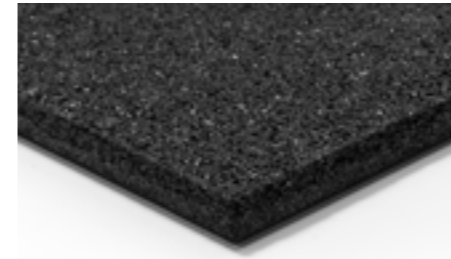
FLAT CONNECT



ANTI-SHOCK



## DETAILED VIEW



## 04. STANDARD RAMP

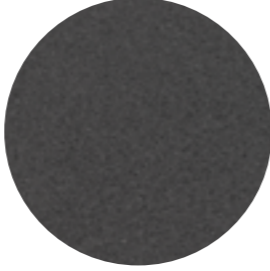
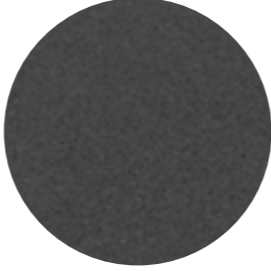
### SPECIFICATIONS

<b>Bulk density toplayer</b>	OTP 1168, PN-EN ISO 845:2010	Approx. 900 to 950 kg/m <sup>3</sup>
<b>Tolerances</b>	width ± 1 % ▪ length ± 1 % ▪ thickness ± 5 %	
<b>Shock Absorption</b>	EN 14808	61%
<b>Vertical deformation</b>	EN 14809	5 mm
<b>Head injury criteria (HIC) test</b>	EN 1177	1,8 m at 60 mm thickness
<b>Slip resistance</b>	PN-EN 13036-4:2004	dry ≤105 PTV wet ≤75 PTV
<b>Thermal resistance</b>		Approx. 0,16 m <sup>2</sup> . K/W
<b>Abrasion resistance, mg</b>	PN-EN ISO 5470-1:2001	≤ 560
<b>Tensile strength, MPA</b>		≤ 0,65
<b>Elongation at break</b>	PN-EN 12230:2005	≤ 40
<b>Hardness</b>	PN-ISO 868 PN-93 / C-04206	55 up to 75
<b>EU fire classification</b>	EF1	
<b>Additional</b>	Compliance with content of pentachlorophenol Antistatic floor covering	
<b>Warranty</b>	one year*	

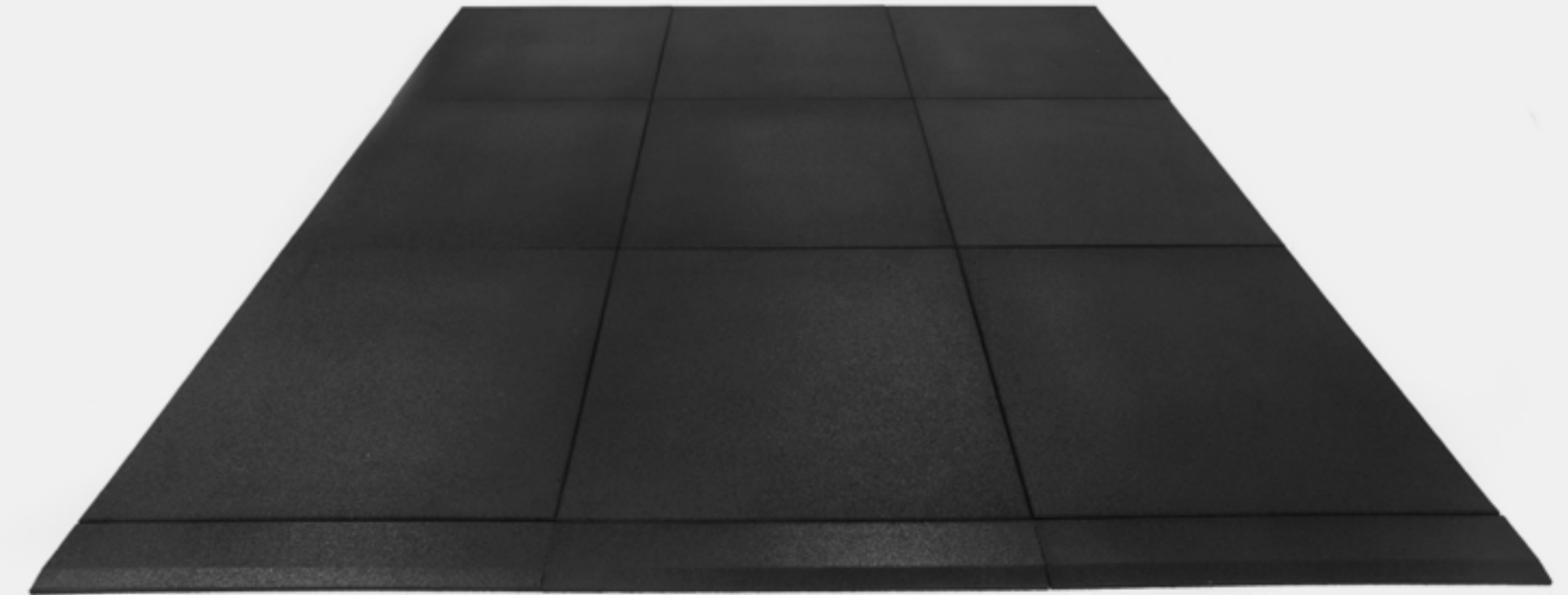
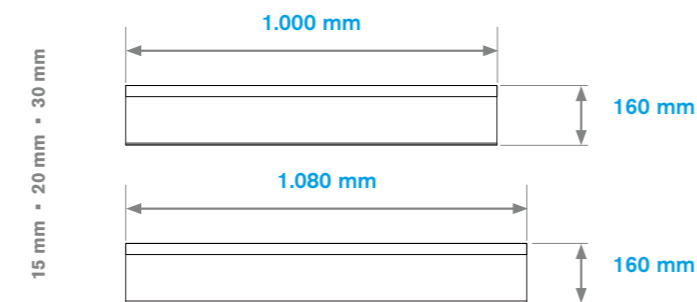
\*warranty against manufacturing default – as described in our general Terms and Conditions

The STANDARD Fitness Ramp consists exclusively of **recycled SBR granules, bonded with PU.**

### COLOURS

<b>Dimension</b>	160 x 1.000 mm	160 x 1.080 mm
		
	black	black

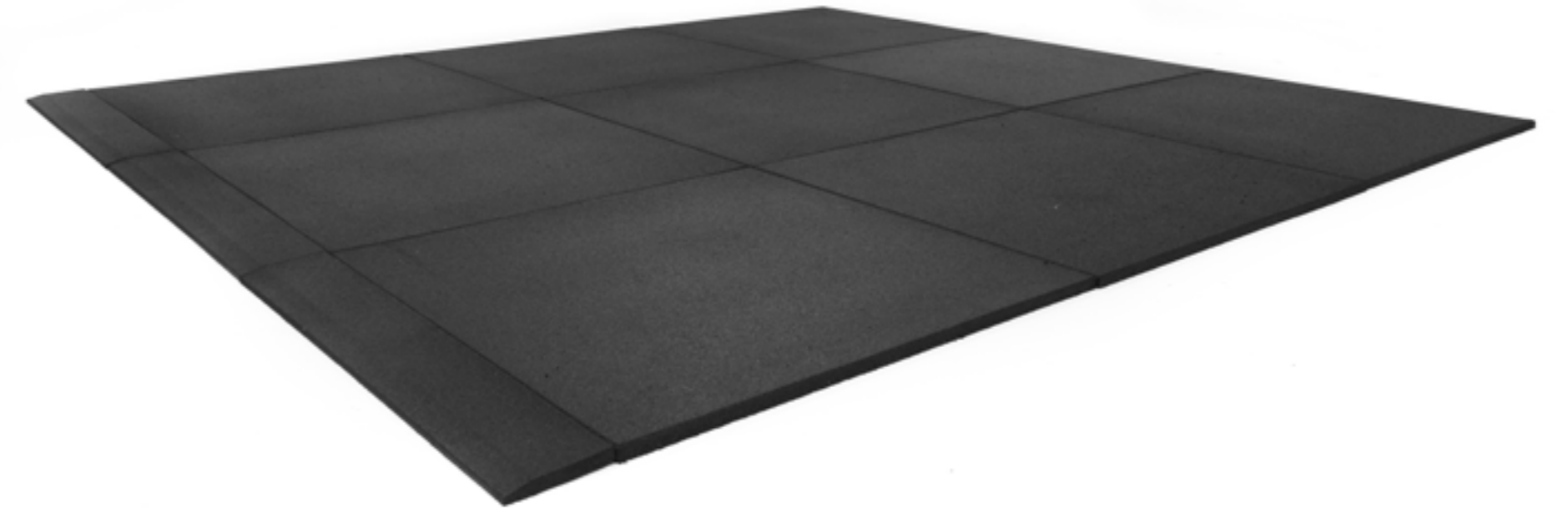
### DIMENSIONS





**STANDARD Fitness Tiles + Ramps (1.080)**  
 3x STANDARD Ramps 160 x 1.080 x 20 mm black + 9x STANDARD Fitness Tiles 20 mm black

**VISIT US** [www.stockz.eu](http://www.stockz.eu)



**STANDARD Fitness Tiles + Ramps (1.000)**  
 3x STANDARD Ramps 160 x 1.000 x 20 mm black + 9x STANDARD Fitness Tile 20 mm black

**CONTACT US** [sales@stockz.eu](mailto:sales@stockz.eu)

### 03. PREMIUM FITNESS TILE

The high impact absorbing recycled rubber fitness tiles are made and designed for any freeweight and/or functional area.

The **PREMIUM Fitness Tile** consists fully of finer granules, from 0.5 to 2mm. The density is 1.000 kg/m<sup>3</sup>. These tiles are manufactured in the EU and consist solely out of recycled European car tires, bonded with PU. Because of only using high quality raw material our **PREMIUM Fitness Tiles** are pretty much odourless which makes these a great match even for small, fully closed off rooms.

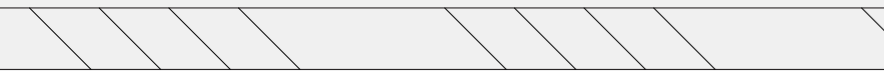
**Our PREMIUM Fitness Tiles are available in two versions:**

with bevel and without bevel. Both versions are finished by CNC/waterjet cutting, ensuring precise edges and minimal size tolerance (maximum 1 mm) for easy installation. The version without bevel offers a sleek, seamless appearance, while the version with bevel provides a sharp, clean aesthetic."

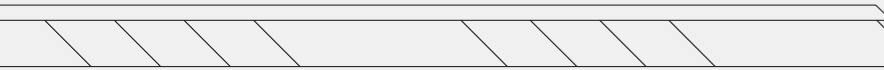
#### DIMENSIONS



**WITHOUT BEVEL** 10 mm • 15 mm • 20 mm

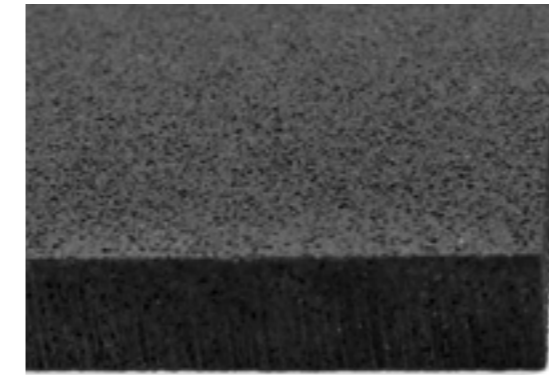


**WITH BEVEL** 10 mm • 15 mm • 20 mm

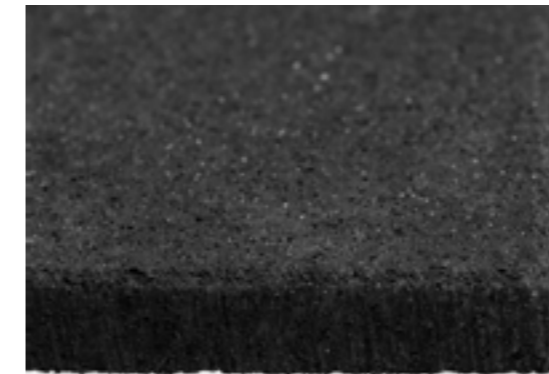


### TWO VERSIONS

#### NO BEVEL



#### WITH BEVEL



## 04. PREMIUM FITNESS TILE




The PREMIUM Fitness Tile Black consists exclusively of *recycled SBR granules, bonded with PU.*

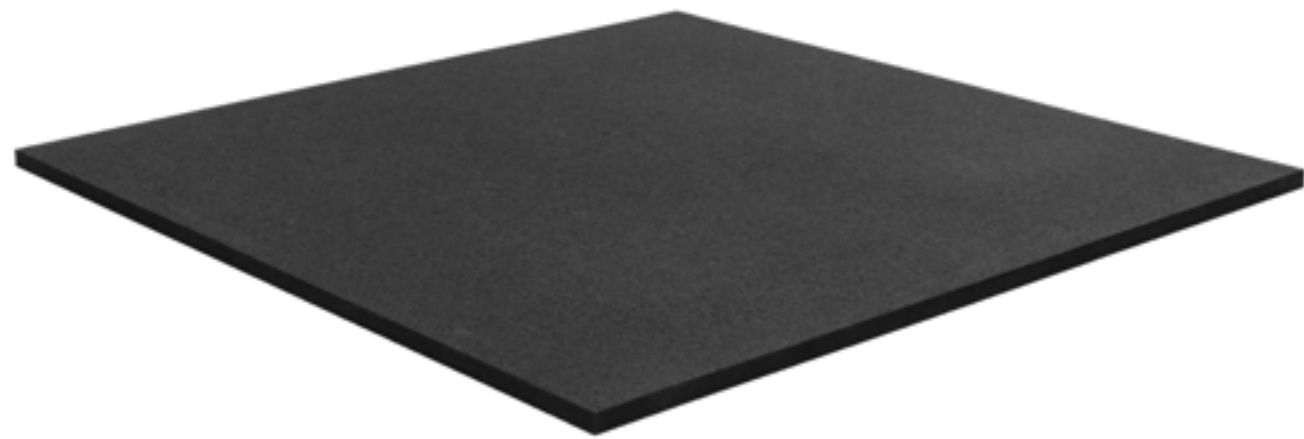
### SPECIFICATIONS

<b>Bulk density</b>	OTP 1168, PN-EN ISO 845:2010	Approx. 1.000 kg/m <sup>3</sup>
<b>Flammability</b>	EF1 without CFL, EFL-S1; Cfl-s1; Cfl-s2, NORMA PN-EN ISO 9239-1:2010; PN-EN ISO 11925-2:210	
<b>Tolerances</b>	width $\pm 1\%$ ▪ length $\pm 1\%$ ▪ thickness $\pm 5\%$	
<b>Anti-slip properties</b>	Determination of the value according to DIN 51 131 dry 56    wet 43	
<b>Additional</b>	Compliance with content of pentachlorophenol Antistatic floor covering	
<b>Warranty</b>	12 months*	

\*warranty against manufacturing default – as described in our general Terms and Conditions

### COLOURS    Dimensions & Thickness

Dimension	1.000 x 1.000 mm
10 mm	 100% black
15 mm	 100% black
15 mm	 100% black



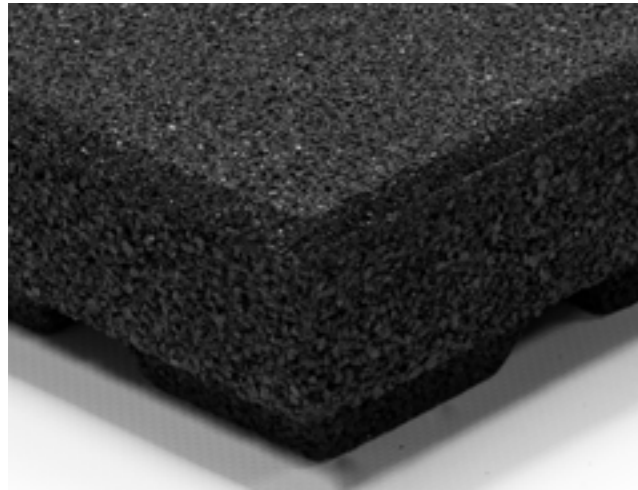
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**WITHOUT BEVEL**  
PREMIUM 20 mm black

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**WITH BEVEL**  
PREMIUM 20 mm black

### 03. PREMIUM BENEFITS



**HIGH DENSITY**



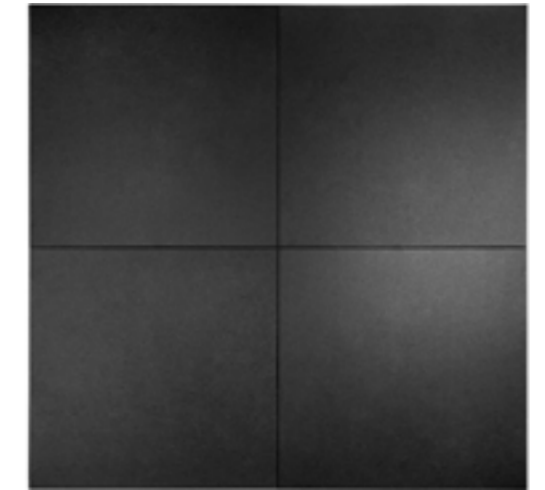
**EUROPEAN MANUFACTURED**



**100% RECYCLED RUBBER USED**



**ODOURLESS**



**MINIMAL SIZE DIFFERENCES**





STOCKZ

**THANK YOU**