



SBR GRANULATE FITNESS TILE

DATASHEET

www.thegymfloorstore.com

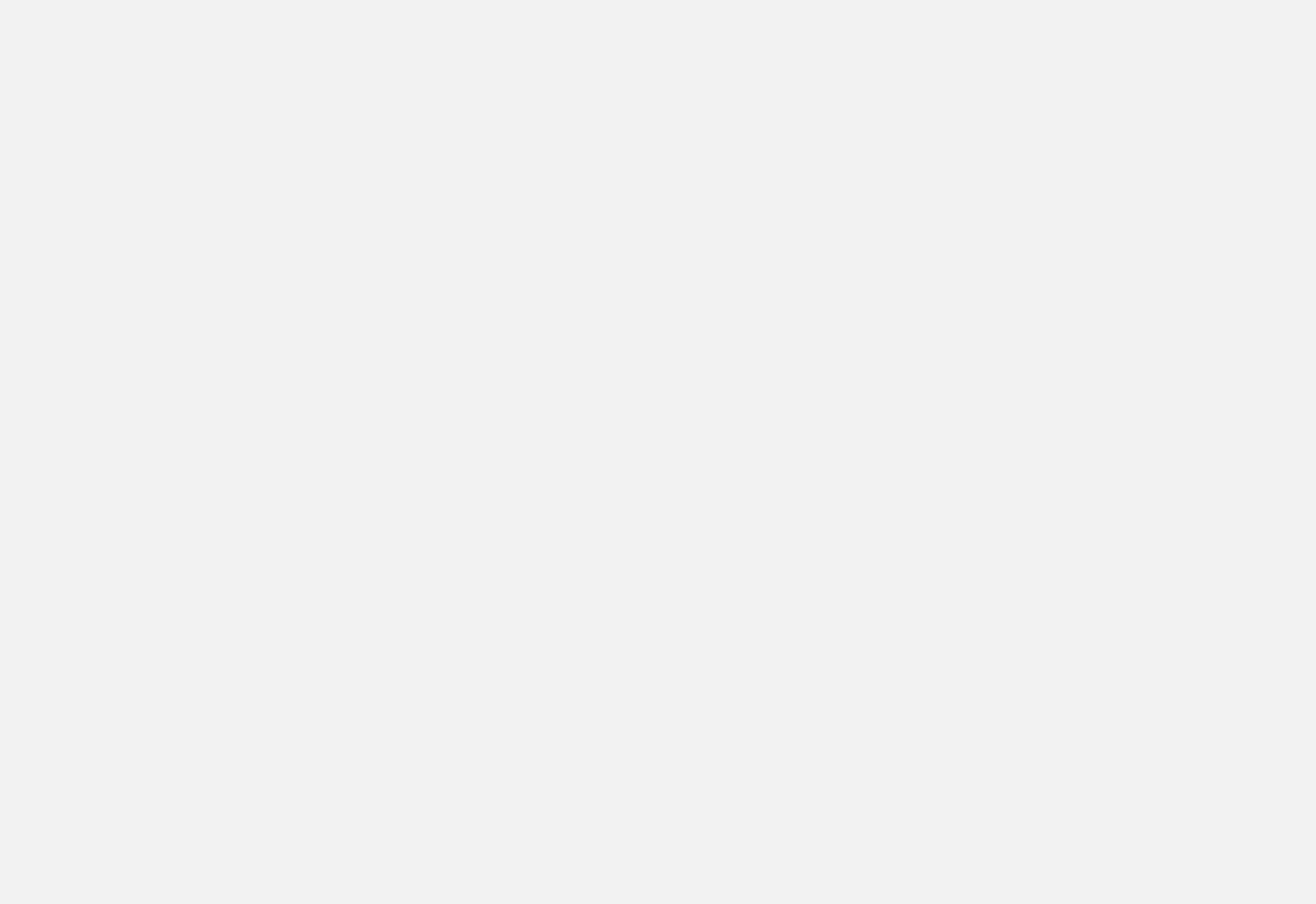




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Die Krafthalle (Cologne, Germany)
STANDARD 100% pure black

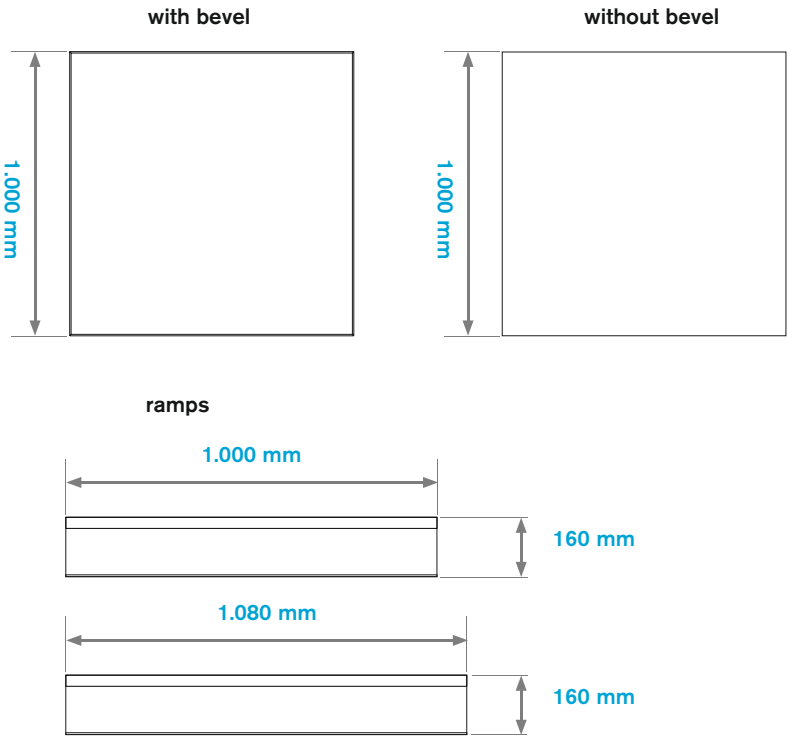
I. THICKNESS & DIMENSIONS

THICKNESS

BASIC FLAT	20 mm
STANDARD FLAT	15 mm ▪ 20 mm ▪ 30 mm
STANDARD FLAT CONNECT	20 mm ▪ 30 mm
STANDARD IMPACT	20 mm
STANDARD ANTI-SHOCK	25 mm ▪ 30 mm ▪ 43 mm ▪ 50 mm ▪ 60 mm
STANDARD RAMP	20 mm ▪ 30 mm ▪ 43 mm
PREMIUM WITHOUT BEVEL	15 mm ▪ 20 mm
PREMIUM WITH BEVEL	15 mm ▪ 20 mm

Our **Standard Fitness Tiles** are available in 10 mm and 15 mm thickness. Most thicknesses have matching edges, corner profiles can be created from cutting the edges.

DIMENSIONS

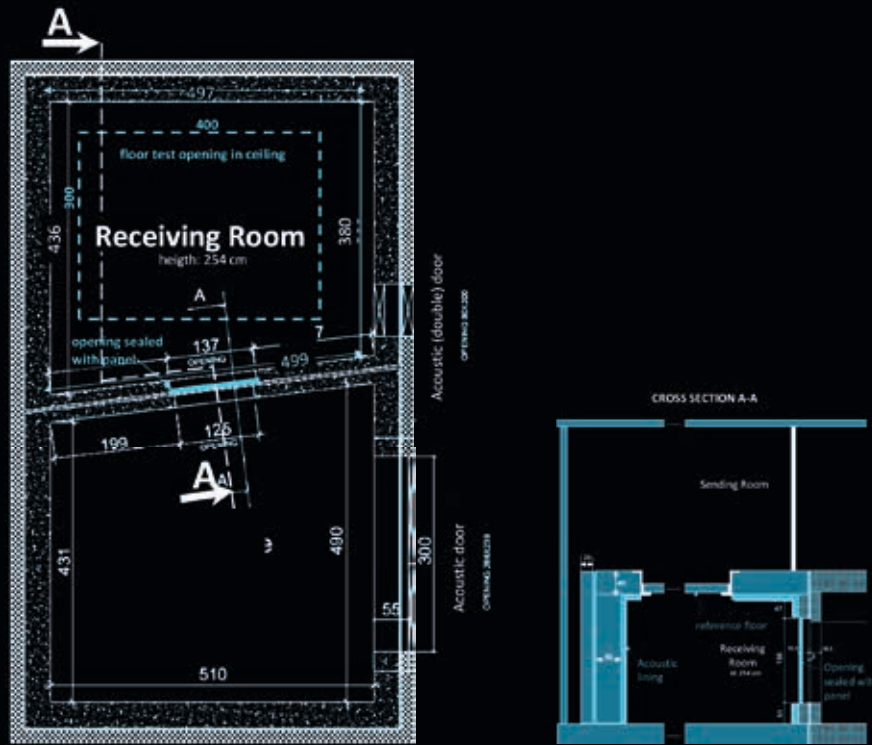


DIMENSIONS

PURE BLACK



II. NOISE REDUCTION



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.

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 GFS 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.

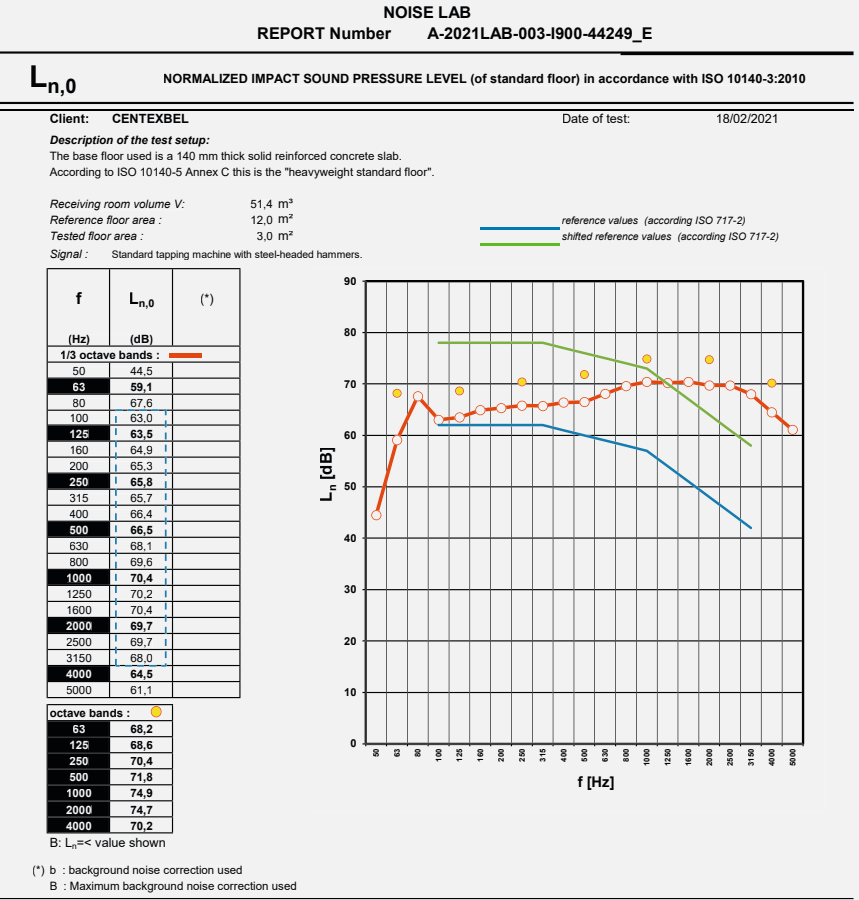
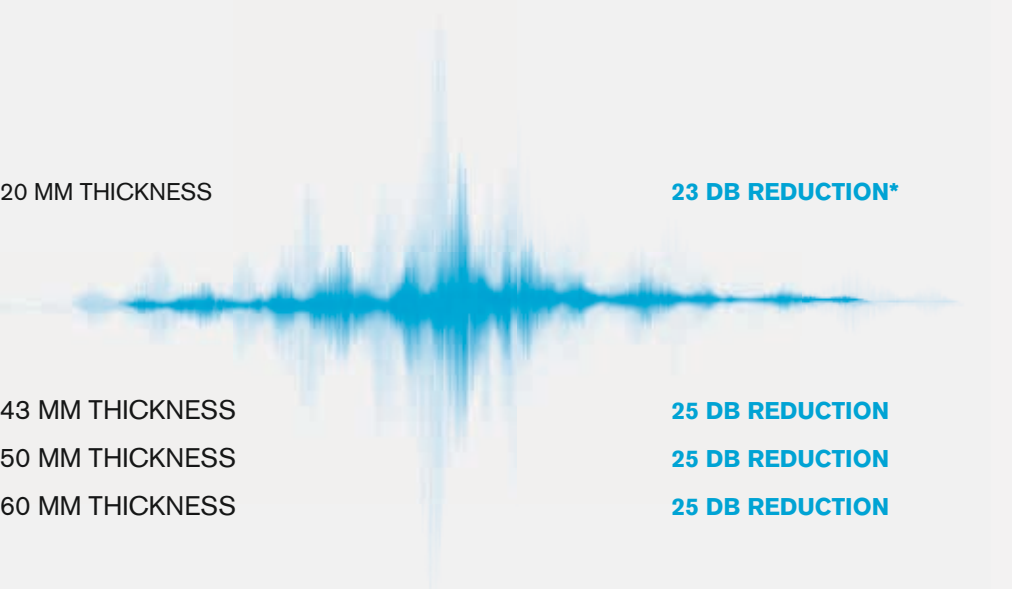
Even though the thinner tiles (20 mm) have a flat bottom, the ones we have tested still reach significant sound and impact vibration improvements.

CERTIFIED NOISE REDUCING CAPABILITES

In order to solidify our findings, we have partnered up with an acoustics laboratory accredited according 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:



DESCRIPTION OF THE TEST SETUP:
The base floor used is a 140 mm thick solid reinforced concrete slab.
According to ISO 10140-5 Annex C this is the „heavyweight standard floor“.

No.of test report: SONI893
Name of test institute: Daidalos Peutz
Date: 18/02/2021

III. INSTALLATION HALF BRICK WISE

Step 1



Step 2



Step 3



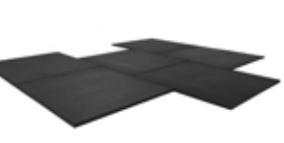
Step 4



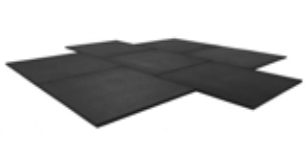
Step 5



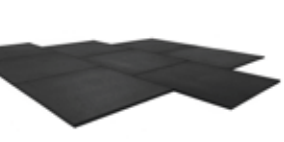
Step 6



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

Step 1



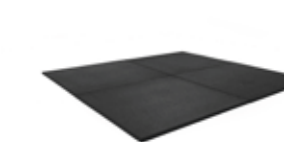
Step 2



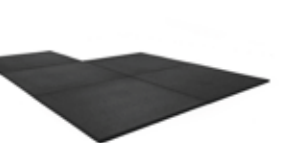
Step 3



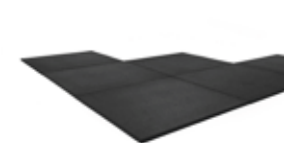
Step 4



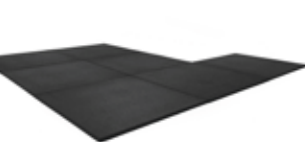
Step 5



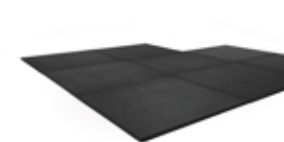
Step 6



Step 7



Step 8



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.

FINAL LOOK



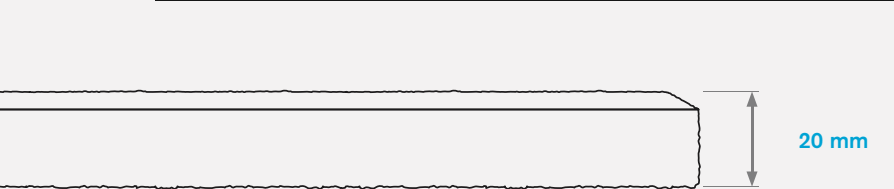
01. BASIC FITNESS TILE

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

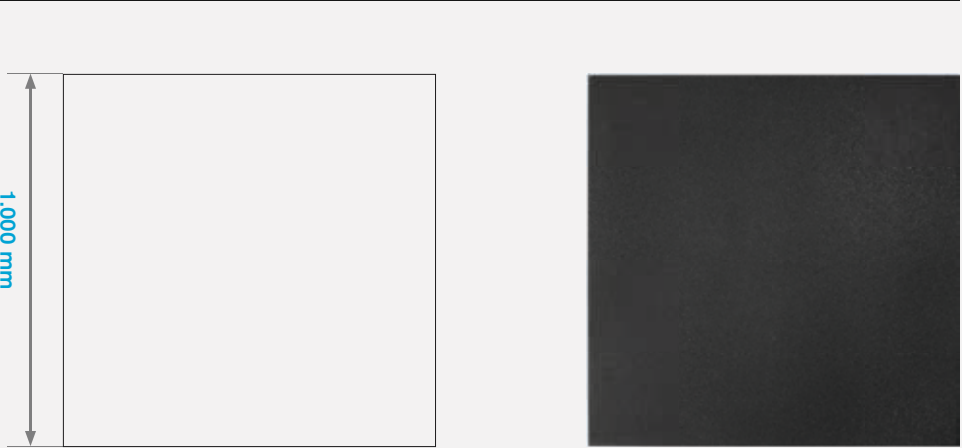
The **BASIC Fitness Tile** has a 2-layer system; the bottom consists of coarse granules and the top layer of 5 mm consists of finer granules. The density is around 875 kg/m3. These tiles are manufactured in the EU and consist solely out of recycled European car tires, bonded with PU.

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

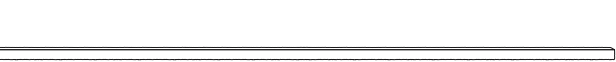


THE BOTTOM

FLAT

A fully even surface which give these thicknesses an outstanding durability and user friendliness.

SIDE VIEW



BOTTOM VIEW

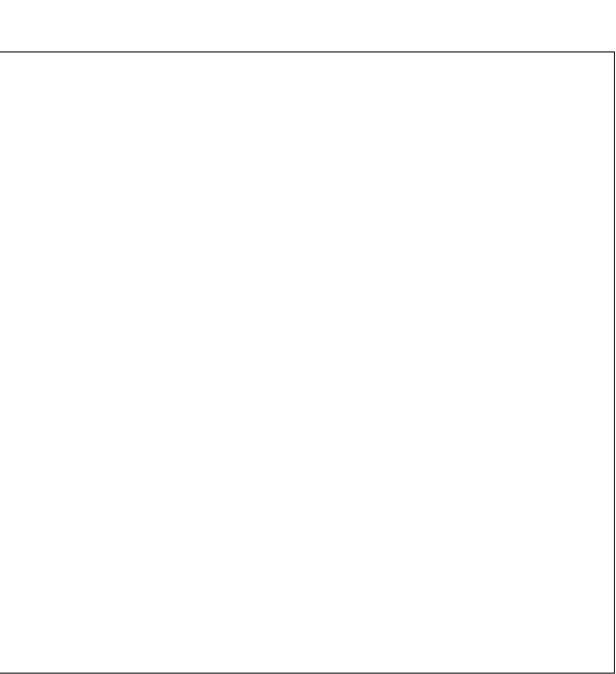


IMAGE BASIC Fitness Tile - 1.000 x 1.000 x 20 mm

01. BASIC FITNESS TILE

SPECIFICATIONS

Bulk density toplayer	OTP 1168, PN-EN ISO 845:2010	Approx. 875 kg/m³
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 m². K/W
Abrasion resistance, mg	PN-EN ISO 5470-1:2001	≤ 560
Tensil 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

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

COLOURS

Dimensions & Thickness

Dimension

1000 x 1000 mm

20 mm



black



CrossFit Michael Maier (Loehne, Germany)
BASIC 20 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

FLAT 15 mm ▪ 20 mm ▪ 30 mm

FLAT CONNECT 20 mm ▪ 30 mm

IMPACT 20 mm

ANTI-SHOCK 25 mm ▪ 30 mm ▪ 43 mm ▪ 50 mm ▪ 60 mm

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/m3. 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.

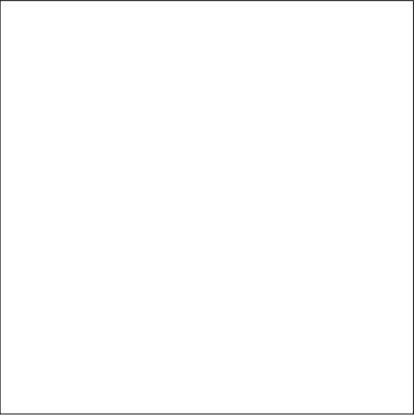
DIMENSIONS



THE BOTTOMS

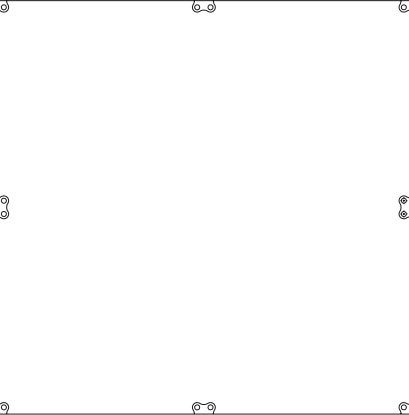
FLAT

A fully even surface which give these thick-
nesses an outstanding durability and user
friendliness.



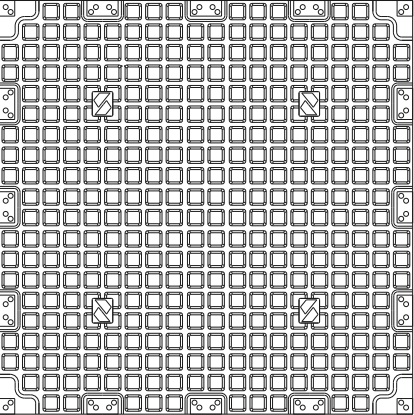
FLAT CONNECT

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



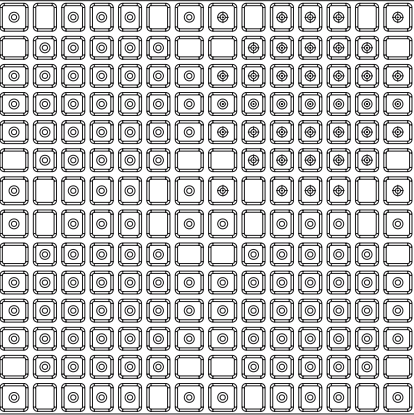
IMPACT

Designed to make efficient use of material,
perfectly balancing cost and quality.



ANTI-SHOCK

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



ILLUSTRATIONS

BASIC Fitness Tile - 1.000 x 1.000

02. STANDARD FITNESS TILE

SPECIFICATIONS

Bulk density toplayer	OTP 1168, PN-EN ISO 845:2010	Approx. 900 to 950 kg/m³
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	1,8 m at 60 mm thickness
Slip resistance	PN-EN 13036-4:2004	dry ≤105 PTV wet ≤75 PTV
Thermal resistance		Approx. 0,16 m². K/W
Abrasion resistance, mg	PN-EN ISO 5470-1:2001	≤ 560
Tensil 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

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

COLOURS

Dimensions & Thickness

Dimension

1.000 x 1.000 mm

20 mm



black



CrossFit Hamminkeln (Germany)
STANDARD 20 mm black

02. STANDARD BENEFITS



HIGH DENSITY



EUROPEAN MANUFACTURED



100% RECYCLED RUBBER USED



ODOURLESS

TOP VIEWS

FLAT



FLAT CONNECT



IMPACT



ANTI-SHOCK



DETAILED VIEW



04. STANDARD RAMP

SPECIFICATIONS

Bulk density toplayer	OTP 1168, PN-EN ISO 845:2010	Approx. 900 to 950 kg/m³
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	1,8 m at 60 mm thickness
Slip resistance	PN-EN 13036-4:2004	dry ≤105 PTV wet ≤75 PTV
Thermal resistance		Approx. 0,16 m². K/W
Abrasion resistance, mg	PN-EN ISO 5470-1:2001	≤ 560
Tensil 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*	

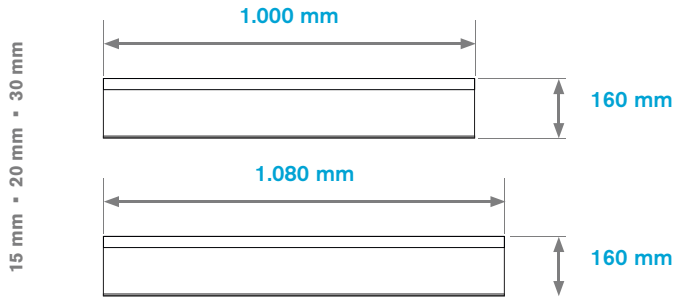
*warranty against manufacturing default – as described in our general Terms and Conditions

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

COLOURS

Dimension	160 x 1.000 mm	160 x 1.080 mm
		
	black	black

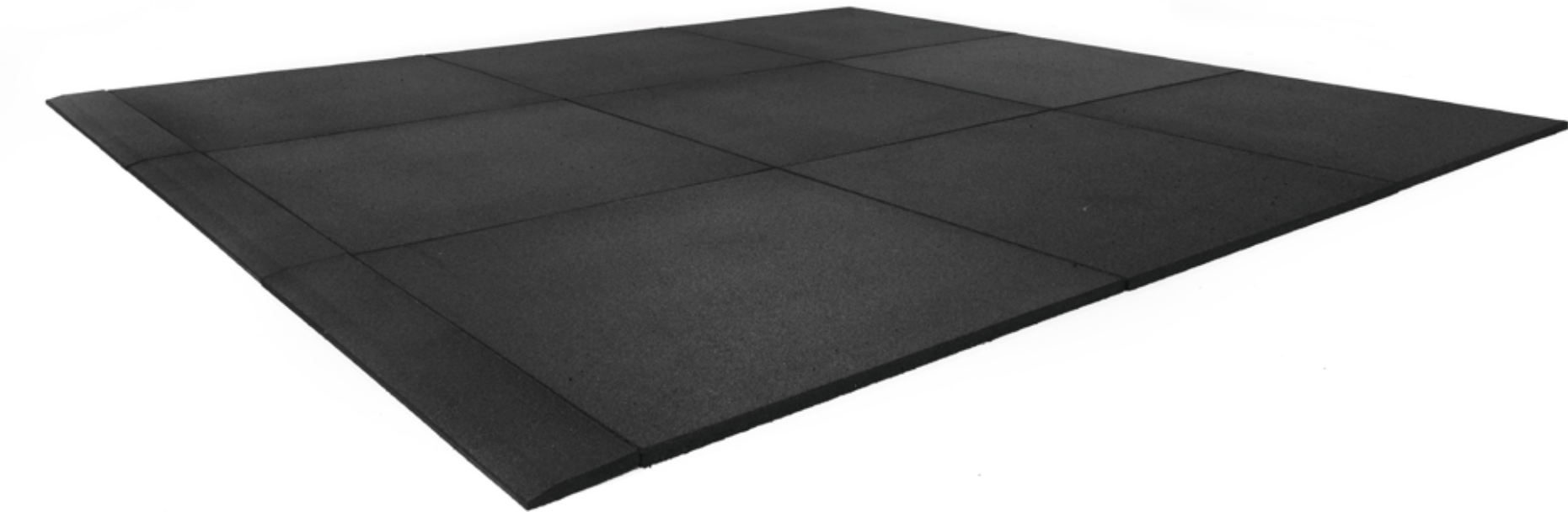
DIMENSIONS



STANDARD Fitness Tiles + Ramps
STANDARD 20 mm black



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



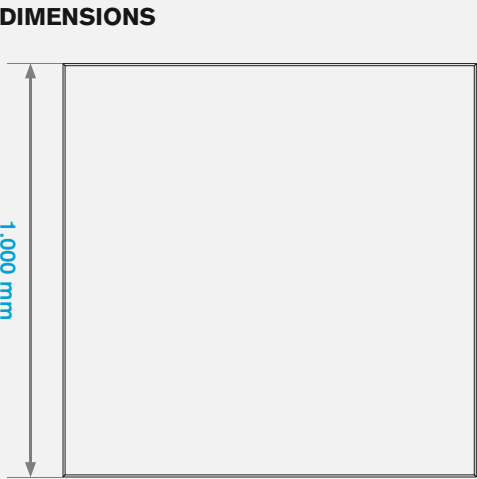
STANDARD Fitness Tiles + Ramps (1.000)
3x STANDARD Ramps 160 x 1.000 x 20 mm black + 9x STANDARD Fitness Tile 20 mm black

03. PREMIUM FITNESS TILE

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

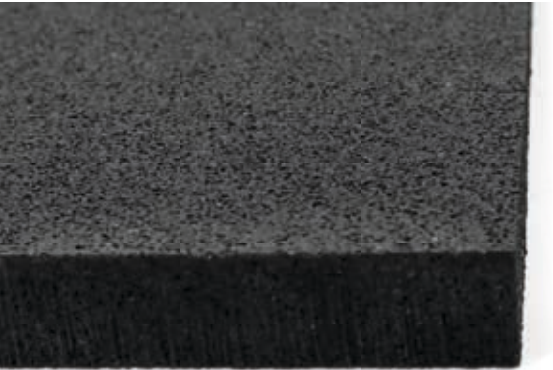
The **PREMIUM Fitness Tile** consists fully of finer granules, from 0.5 to 2mm. The density is 1.000 kg/m3. These tiles are manufactured in the EU and consist solely out of recycled European car tires, bonded with PU. Because of only using high quality raw material our **PREMIUM Fitness Tiles** are pretty 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.“



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

Bulk density	OTP 1168, PN-EN ISO 845:2010	Approx. 1.000 kg/m³
Flammability	EF1 without CFL, EFL-S1; Cfl-s1; Cfl-s2, NORMA PN-EN ISO 9239-1:2010; PN-EN ISO 11925-2:210	
Tolerances	width ± 1 % ▪ length ± 1 % ▪ thickness ± 5 %	
Anti-slip properties	Determination of the value according to DIN 51 131 dry 56 wet 43	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	
Warranty	12 months*	

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

COLOURS

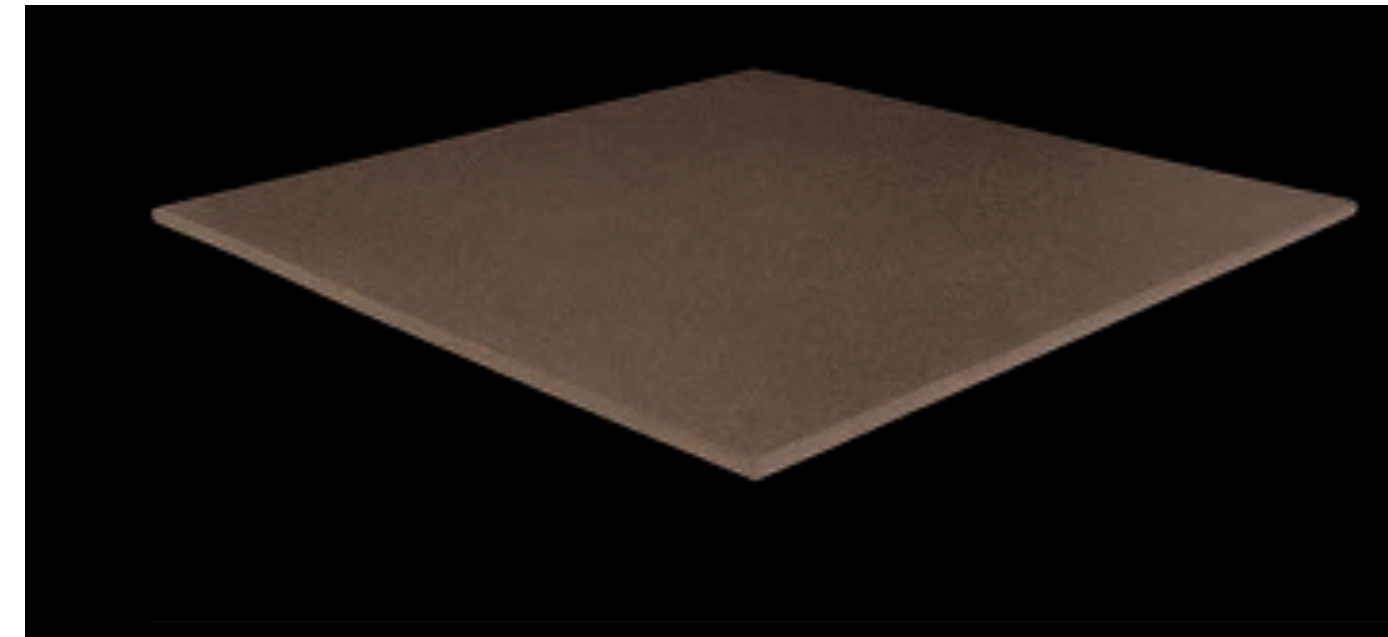
Dimensions & Thickness

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

Name of Studio (Country)
PREMIUM 20 mm black

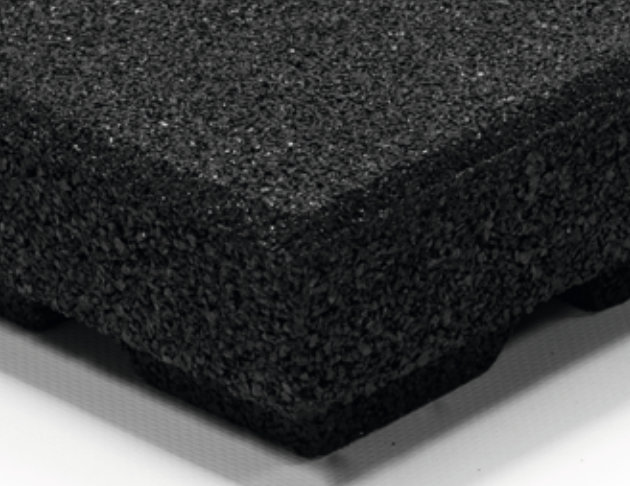


WITHOUT BEVEL
PREMIUM 20 mm black



WITH BEVEL
PREMIUM 20 mm black

03. PREMIUM BENEFITS



HIGH DENSITY



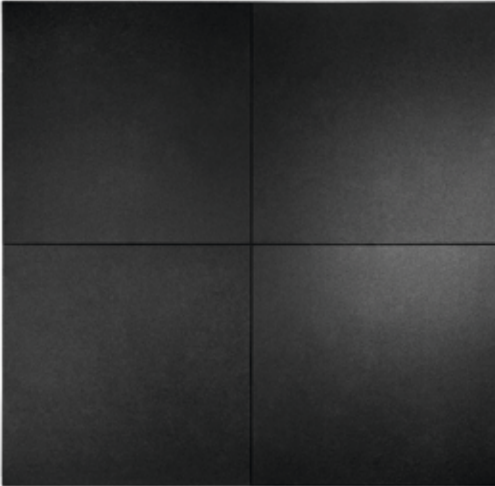
EUROPEAN MANUFACTURED



100% RECYCLED RUBBER USED



ODOURLESS



MINIMAL SIZE DIFFERENCES



SportCity (Amsterdam, NL)
100% pure black



THANK YOU