



FITNESS TILE CONNECT

DATASHEET



TABLE OF CONTENTS

I. DIMENSIONS & COLOURS [PAGE 02](#)

II. FITNESS TILES CONNECT [PAGE 04](#)

II. CONNECTOR [PAGE 06](#)

III. NOISE REDUCTION [PAGE 08](#)

VI. BENEFITS [PAGE 10](#)

01. FIFTEEN [PAGE 12](#)

02. PURE BLACK [PAGE 14](#)

03. STONE [PAGE 16](#)

04. RAMPS [PAGE 18](#)

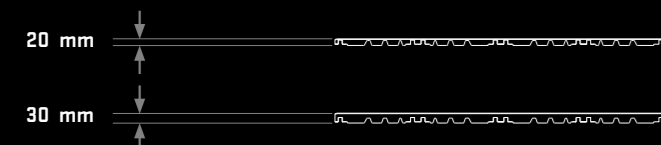
05. CORNER [PAGE 24](#)

I. DIMENSIONS & COLOURS

Ensuring our products remain easy to install, we kept the 30 mm thick square tiles at a size of 500x1.000 mm. Our tiles of 20 mm thickness are double the size, they have a dimension of 1.000x1.000 mm. The matching ramps and corners add 250 mm to the total width and are available in both 20 as 30 mm thicknesses.

THICKNESSES

FIFTEEN • PURE BLACK • STONE



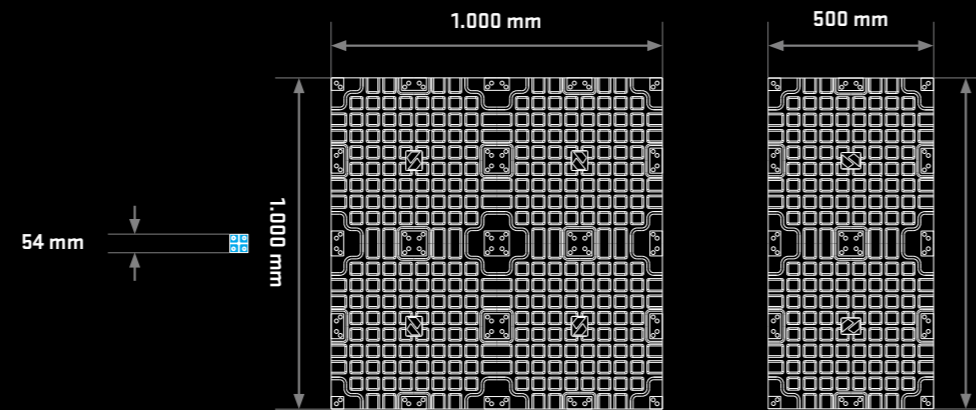
RAMP



CORNER

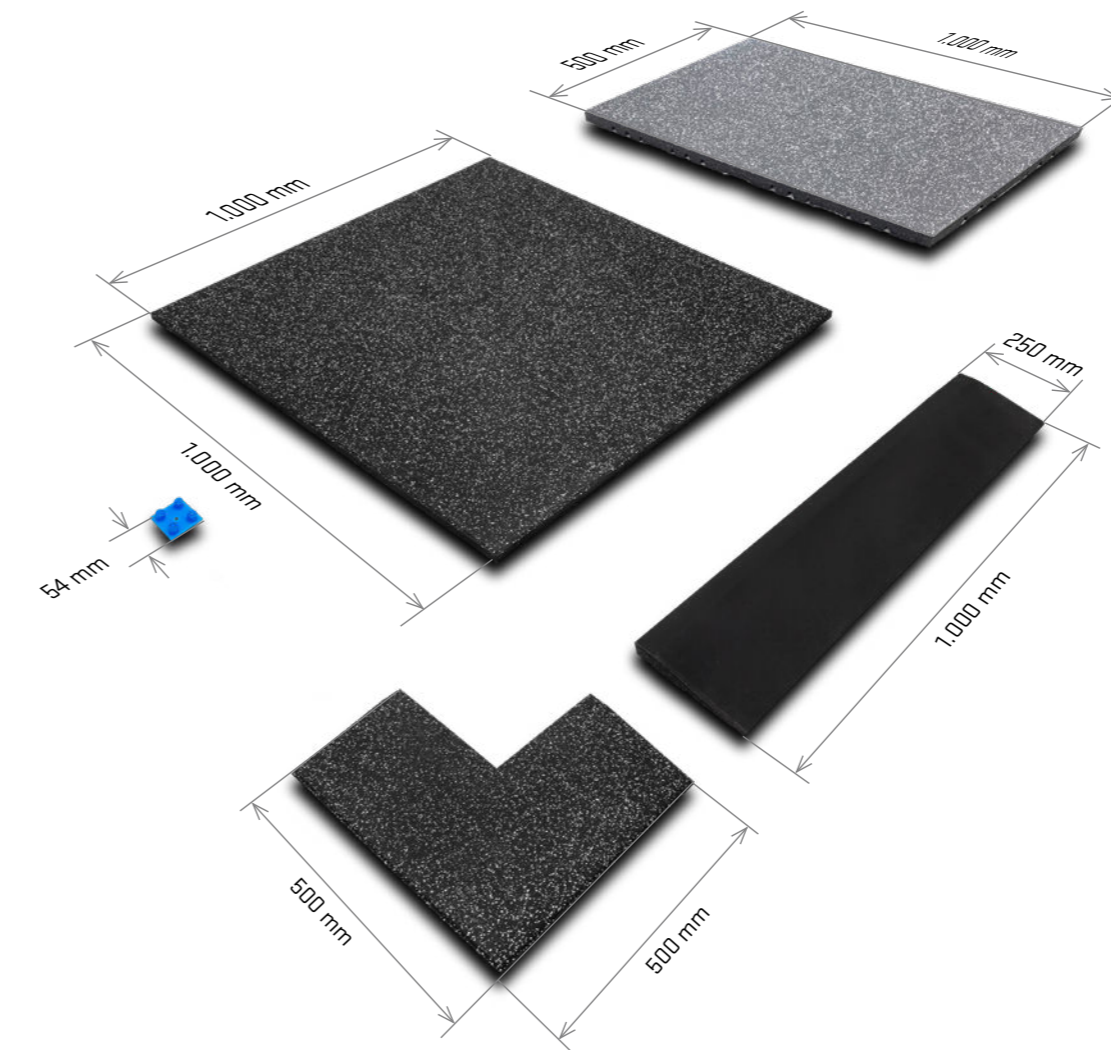


DIMENSIONS



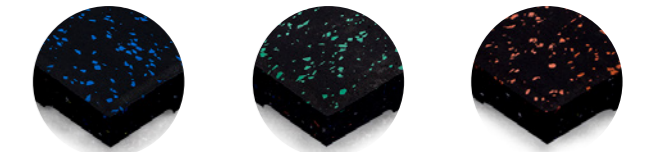
DIMENSION & COLOURS

OUR DIMENSIONS



WIDE RANGE OF COLOURS

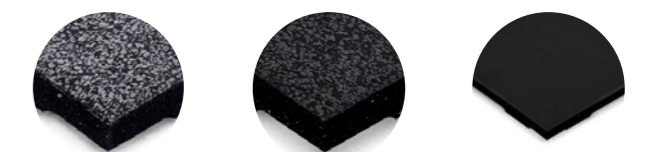
20 MM THICKNESS



15% BLUE 15% BRIGHT GREEN 15% TERRACOTTA RED

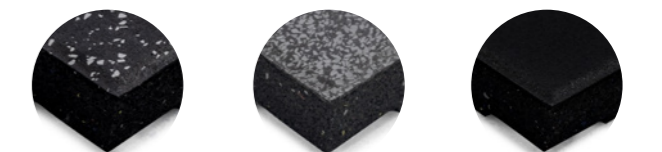


15% LIGHT GREY 15% DARK GREY 15% GREY



STONE MIDDLE GREY STONE DARK GREY 100% PURE BLACK

30 MM THICKNESS

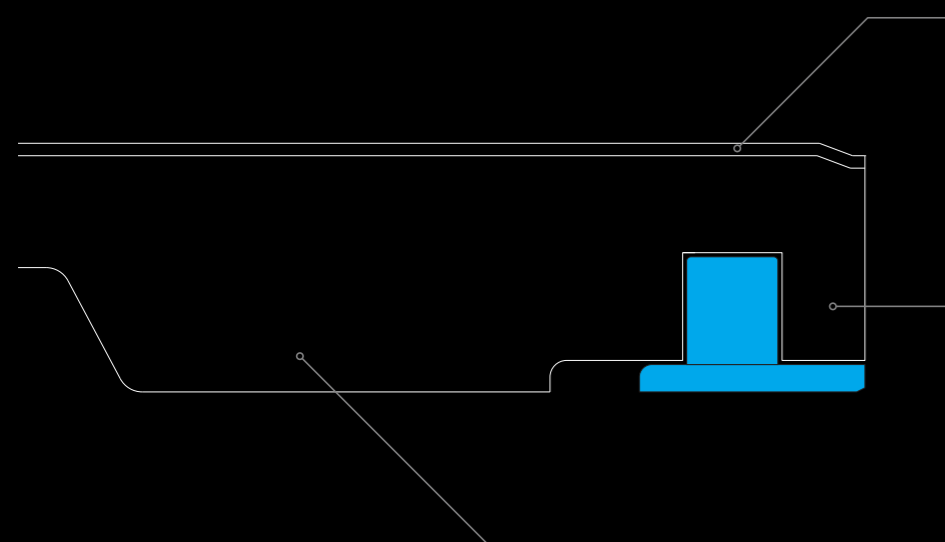


15% LIGHT GREY STONE MIDDLE-GREY 100% PURE BLACK

II. FITNESS TILES CONNECT

The **Fitness Tiles Connect** is highly durable and tough. The extremely dense toplayer provides sufficient impact protection against the continuous dropping of heavy freeweights. The sublayer and purpose designed bottom structure will absorb noise whilst also providing additional protection to the sublayer or screed. These tiles can even be laid on top of existing floor coverings and are very easy to install using the unique connector system. Next to convenience, using connectors also has aesthetic and hygiene advantages as it creates nearly invisible joints.

- | | |
|-----------------------|---|
| TOP LAYER | CUT FROM HIGH DENSITY RUBBER FLOORING
2 mm thickness, extremely dense and hard to wear toplayer (1.400 kg). Durable and impact reducing layer. Easy to clean, almost closed surface, black with coloured EPDM granules. |
| BASE LAYER | MADE OF RECYCLED RUBBER AND EPDM
100% out of recycled tires. High density shock absorbing layer. Subfloor protect as a result of the high density high density. |
| BOTTOM PATTERN | STOCKZ UNIQUE DESIGNED BOTTOM PATTERN
Acoustic properties - studs reduce the impact and sound vibration to the subfloor. |



THE BOTTOM

Stockz patented impact bottom, designed for shock absorption and reducing impact sound. The pattern on the bottom holds holes for the connector system. The tiles are manufactured in a single process which vulcanizes the top layer onto the bottom in one step.

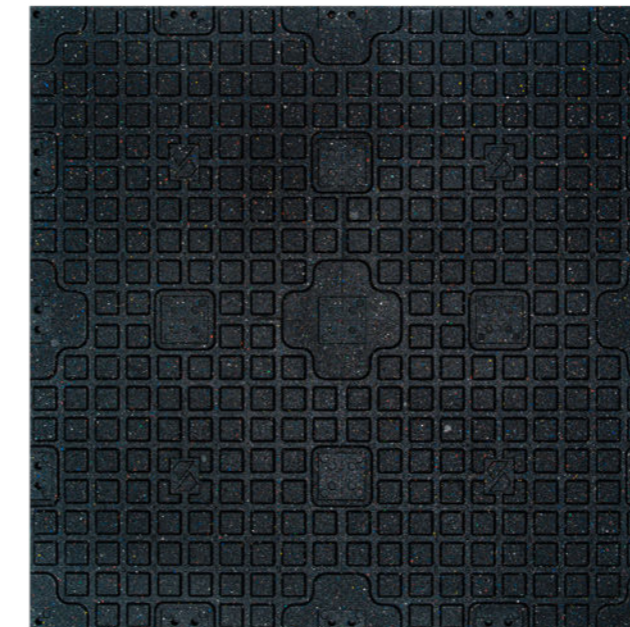
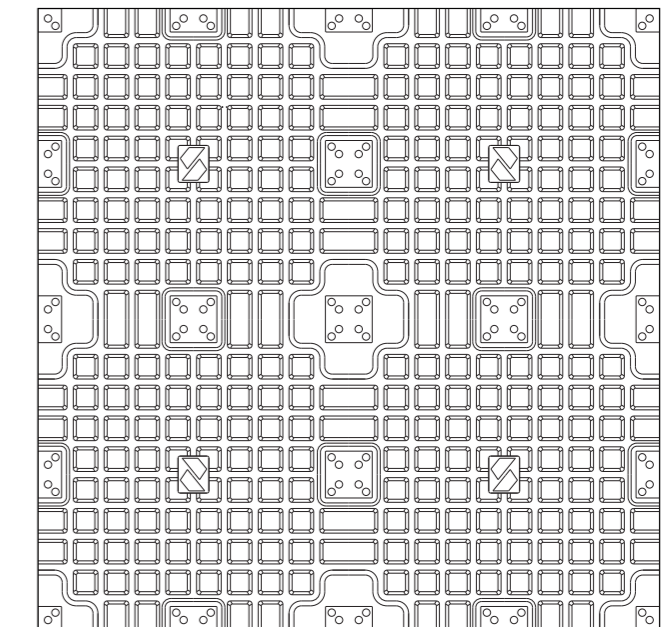


Image: Fitness Tile Connect - 1.000x1.000 mm

SIDE VIEW



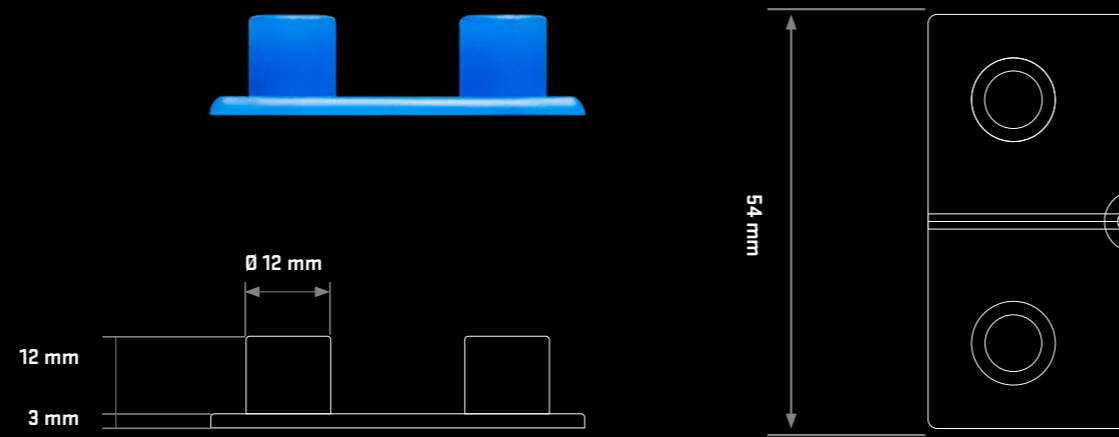
BOTTOM VIEW



III. CONNECTORS

The **Fitness Tiles** can be installed easily by using the **connector system**, there is no need to glue these. Edges can be covered with a stainless steel or aluminium profile.

The tiles can easily be cut to the right size using a handknife, for which we recommend to use hollow knives. Use a rubber hammer to close the joints .



CONNECTORS

THE CONNECTOR SYSTEM

A connector is placed every 20 centimetres, which leads to an average of using 5 connectors per meter. This combined with the fact our connectors are made out of PolyPropylene, ensures that once connected the tiles remain perfectly in place.

This delivers a phenomenal free floating system which is achieved without using any glue or other complicated installation methods.

SIDE VIEW + CONNECTORS



BOTTOM VIEW + CONNECTORS

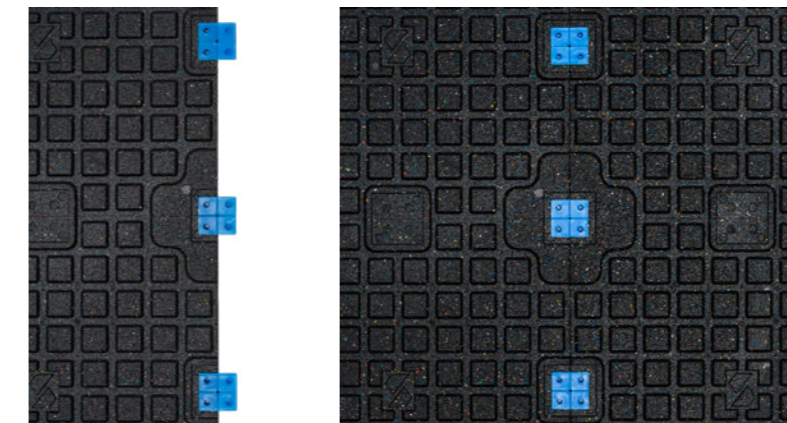
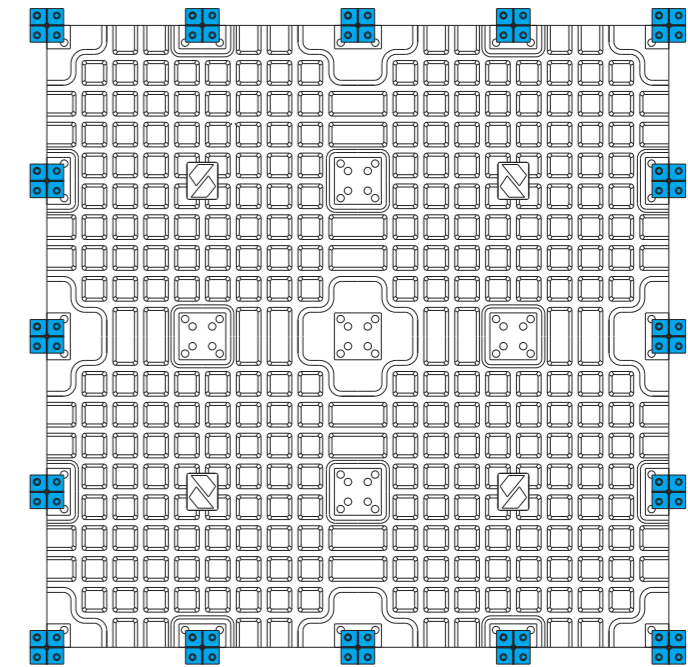


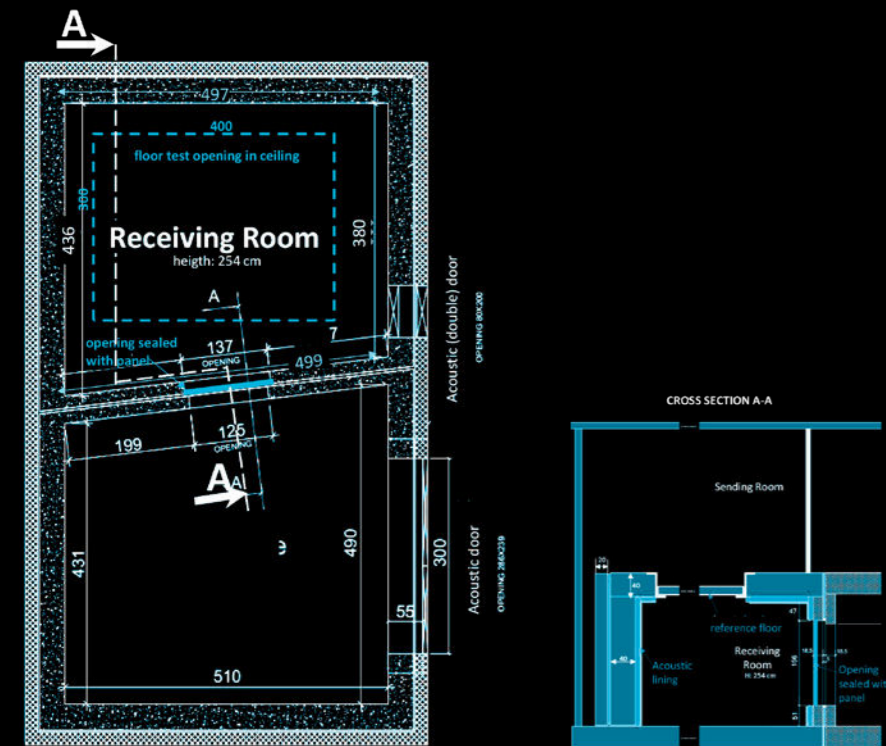
Image: Fitness Tile Connect - 1.000x1.000 mm + CONNECTORS

IV. 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 **Fitness Connect Tiles** 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.



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 **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 found on www.stockz.eu

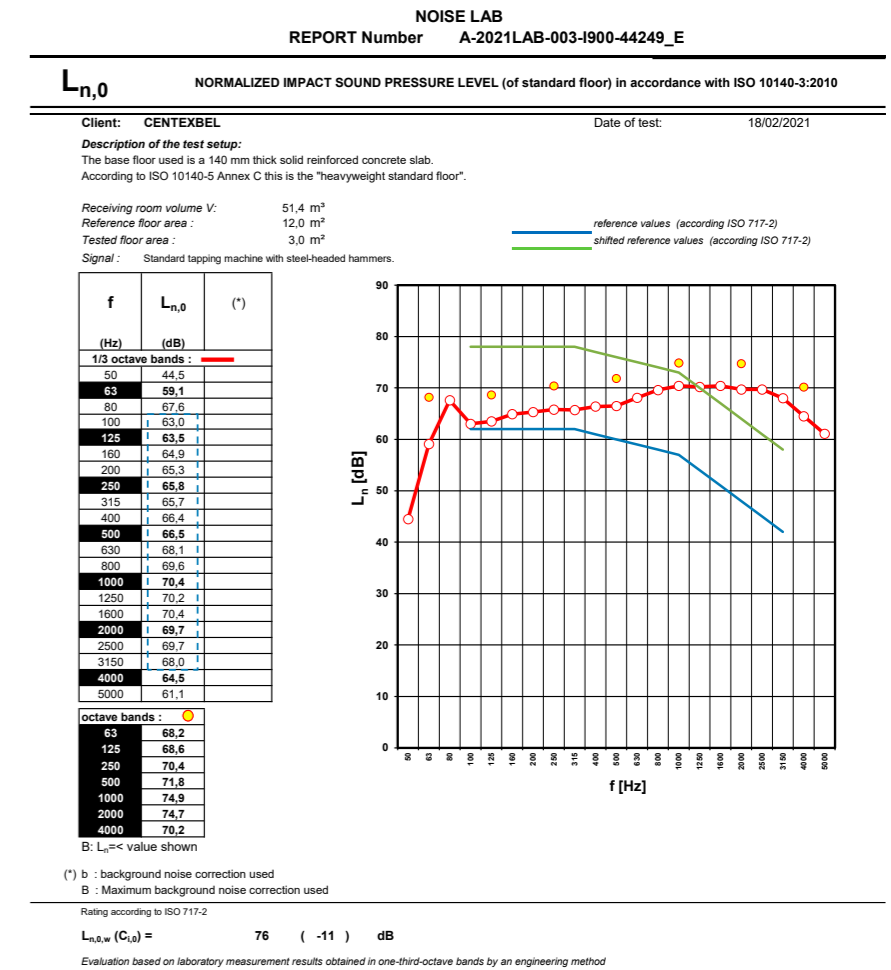
Summarizing the report, using our **Fitness Connect Tiles**, leads to the following results:

20 MM THICKNESS

21 DB REDUCTION

30 MM THICKNESS

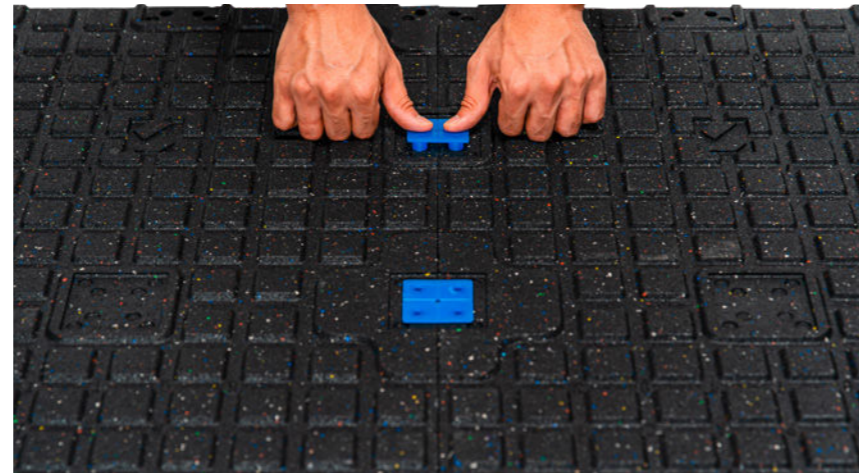
24 DB REDUCTION



V. BENEFITS



EASY TO CLEAN



EASY TO INSTALL



EXTENSIVE 5 YEAR WARRANTY



ACOUSTIC QUALITIES

01. FIFTEEN

The **Fitness Tile Connect FIFTEEN** consists of 85% SBR and holds 15% coloured EPDM.



Fitness Tile Connect FIFTEEN: 20x1000x1000 mm
Bottom view



Fitness Tile Connect FIFTEEN: 30x500x1000 mm
Bottom view

DIMENSION	1.000x1.000 mm
THICKNESSES	20 mm
TOLERANCES	LENGTH/WIDTH ± 4 mm • THICKNESS ± 2 mm

COLOURS



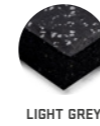
BLUE BRIGHT GREEN TERRACOTTA RED LIGHT GREY DARK GREY

SOUND INSULATION	THICKNESS 20 mm
CERTIFIED NOISE REDUCING	21 dB reduction

SPECIFICATIONS - FIFTEEN

BULK DENSITY TOPLAYER	Approx. 1.400 kg/m ³	
BULK DENSITY SUBPLAYER	Approx. 1.000 kg/m ³	
SHOCK ABSORPTION	61%	EN 14808
VERTICAL DEFORMATION	5 mm	EN 14809
HEAD INJURY CRITERIA (HIC) TEST	1,3 m	EN 1177
EU FIRE CLASSIFICATION	E _{FL}	
DYNAMIC COEFFICIENT OF FRICTION:	Dry slip resistance	
THERMAL RESISTANCE	0,16 m ² .K/W	
COMPLIANCE WITH CONTENT OF PENTACHLOROPHENOL		
ANTISTATIC FLOOR COVERING		

DIMENSION	500x1.000 mm
THICKNESSES	30 mm
TOLERANCES	LENGTH/WIDTH ± 4 mm • THICKNESS ± 2 mm

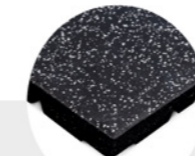


LIGHT GREY

SOUND INSULATION	THICKNESS 30 mm
CERTIFIED NOISE REDUCING	24 dB reduction



Thickness:
20mm



Thickness:
30mm



02. PURE BLACK

The **Fitness Tile Connect PURE BLACK** consists of 100% SBR.



Fitness Tile Connect PURE BLACK: 20x1000x1000 mm
Bottom view



Fitness Tile Connect PURE BLACK: 30x500x1000 mm
Bottom view

DIMENSION	1.000x1.000 mm	500x1.000 mm
THICKNESSES	20 mm	30 mm
TOLERANCES	LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm	LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm

COLOURS



100% PURE BLACK



100% PURE BLACK

SOUND INSULATION	THICKNESS 20 mm	THICKNESS 30 mm
CERTIFIED NOISE REDUCING	21 dB reduction	24 dB reduction

SPECIFICATIONS - PURE BLACK

BULK DENSITY TOPLAYER	Approx. 1.400 kg/m ³	
BULK DENSITY SUBPLAYER	Approx. 1.000 kg/m ³	
SHOCK ABSORPTION	61%	EN 14808
VERTICAL DEFORMATION	5 mm	EN 14809
HEAD INJURY CRITERIA (HIC) TEST	1,3 m	EN 1177
EU FIRE CLASSIFICATION	E _{F1}	
DYNAMIC COEFFICIENT OF FRICTION:	Dry slip resistance	
THERMAL RESISTANCE	0,16 m ² .K/W	
COMPLIANCE WITH CONTENT OF PENTACHLOROPHENOL		
ANTISTATIC FLOOR COVERING		



Thickness:
20mm



Thickness:
30mm



03. STONE

The **Fitness Tile Connect STONE** consists of 70% EPDM and 30% SBR.



Fitness Tile Connect STONE: 20x1000x1000 mm
Bottom view



Fitness Tile Connect STONE: 30x500x1000 mm
Bottom view

DIMENSION	1.000x1.000 mm	500x1.000 mm
THICKNESSES	20 mm	30 mm
TOLERANCES	LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm	LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm

COLOURS



MIDDLE-GREY DARK-GREY

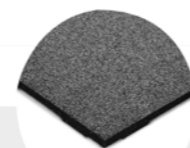


MIDDLE-GREY

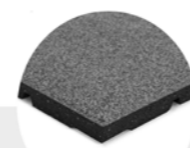
SOUND INSULATION	THICKNESS 20 mm	THICKNESS 30 mm
CERTIFIED NOISE REDUCING	21 dB reduction	24 dB reduction

SPECIFICATIONS - STONE

BULK DENSITY TOPLAYER	Approx. 1.100 kg/m ³	
BULK DENSITY SUBPLAYER	Approx. 1.000 kg/m ³	
SHOCK ABSORPTION	61%	EN 14808
VERTICAL DEFORMATION	5 mm	EN 14809
HEAD INJURY CRITERIA (HIC) TEST	1,3 m	EN 1177
EU FIRE CLASSIFICATION	E _{F1}	
DYNAMIC COEFFICIENT OF FRICTION:	Dry slip resistance	
THERMAL RESISTANCE	0,16 m ² .K/W	
COMPLIANCE WITH CONTENT OF PENTACHLOROPHENOL		
ANTISTATIC FLOOR COVERING		



Thickness:
20mm

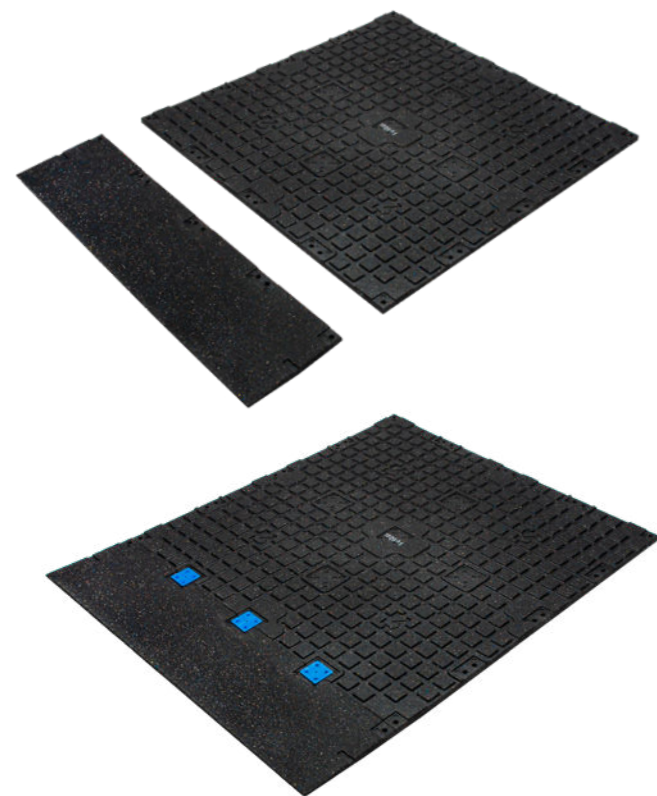


Thickness:
30mm




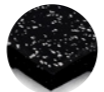
04. RAMP

The **Fitness Tile Connect RAMPS** are available in Pure Black and in 15% Grey



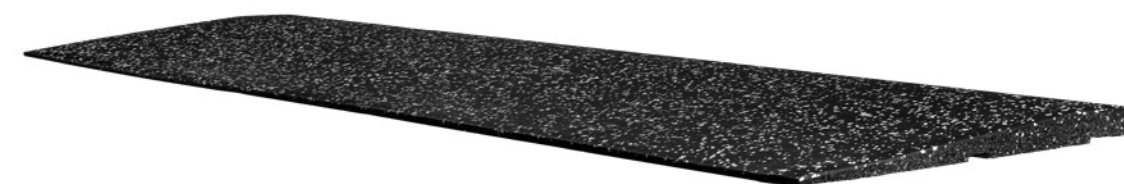
Fitness Tile Connect RAMP: 20x250x1000 mm
Bottom views

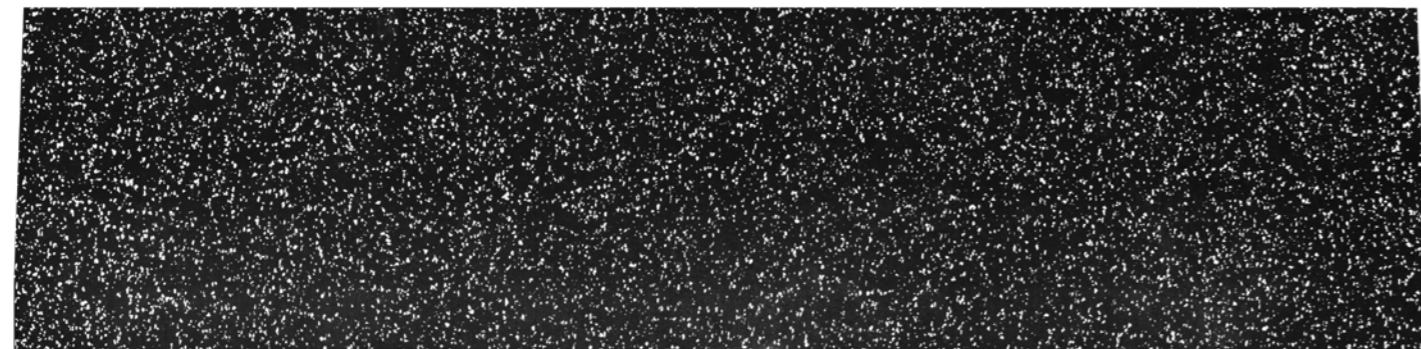
DIMENSION	20x250x1.000 mm	30x250x1.000 mm
TOLERANCES		
100% PURE BLACK	LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm	LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm
15% GREY	LENGTH/WIDTH ± 4 mm • THICKNESS ± 2 mm	

COLOURS
 
100% PURE BLACK 15% GREY

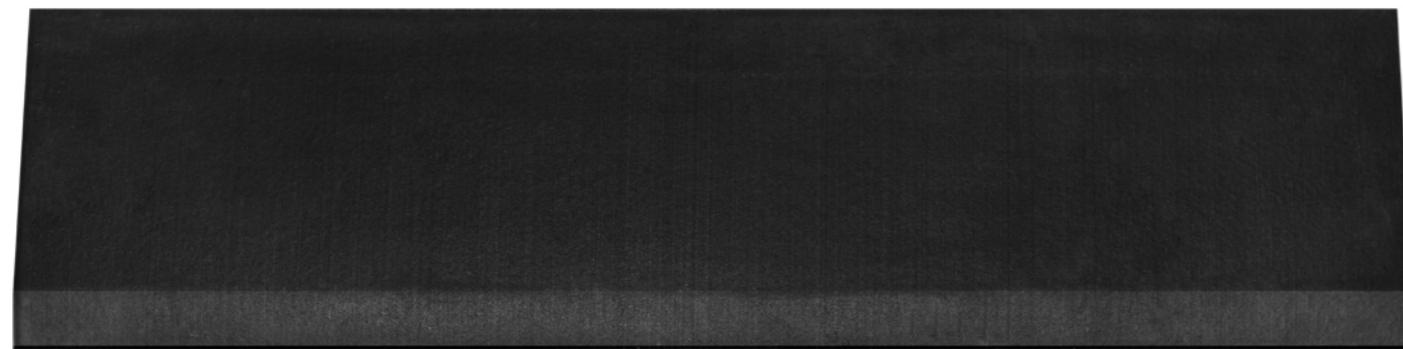
SOUND INSULATION	THICKNESS 20 mm	THICKNESS 30 mm
CERTIFIED NOISE REDUCING	21 dB reduction	24 dB reduction

SPECIFICATIONS - RAMP		
BULK DENSITY TOPLAYER		Approx. 1.400 kg/m ³
BULK DENSITY SUBPLAYER		Approx. 1.000 kg/m ³
SHOCK ABSORPTION	61%	EN 14808
VERTICAL DEFORMATION	5 mm	EN 14809
HEAD INJURY CRITERIA (HIC) TEST	1,3 m	EN 1177
EU FIRE CLASSIFICATION		E _{Fl}
DYNAMIC COEFFICIENT OF FRICTION:		Dry slip resistance
THERMAL RESISTANCE		0,16 m ² .K/W
COMPLIANCE WITH CONTENT OF PENTACHLOROPHENOL		
ANTISTATIC FLOOR COVERING		



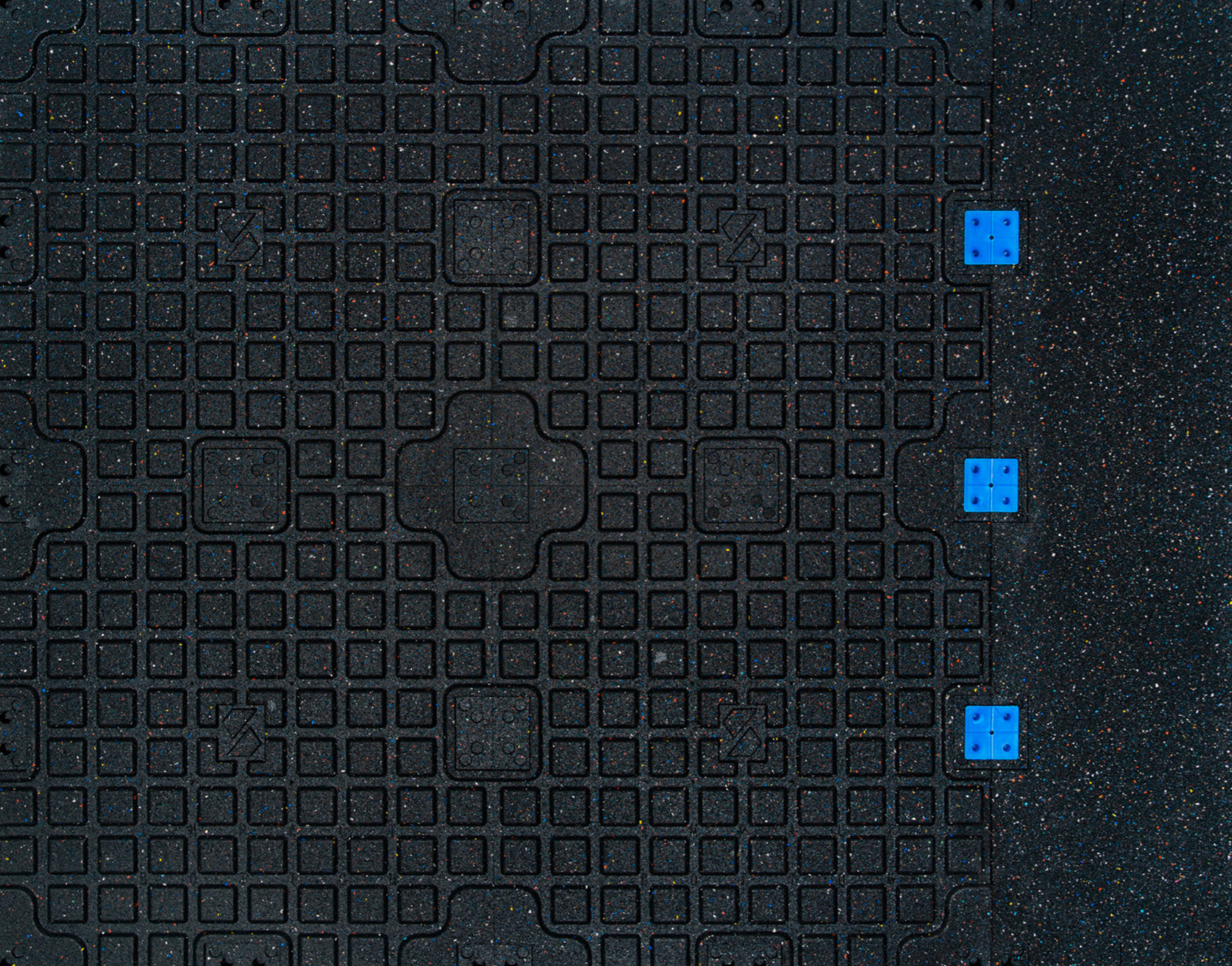


Fitness Tile Connect RAMP - 20x500x1.000 mm



Fitness Tile Connect RAMP - 30x500x1.000 mm



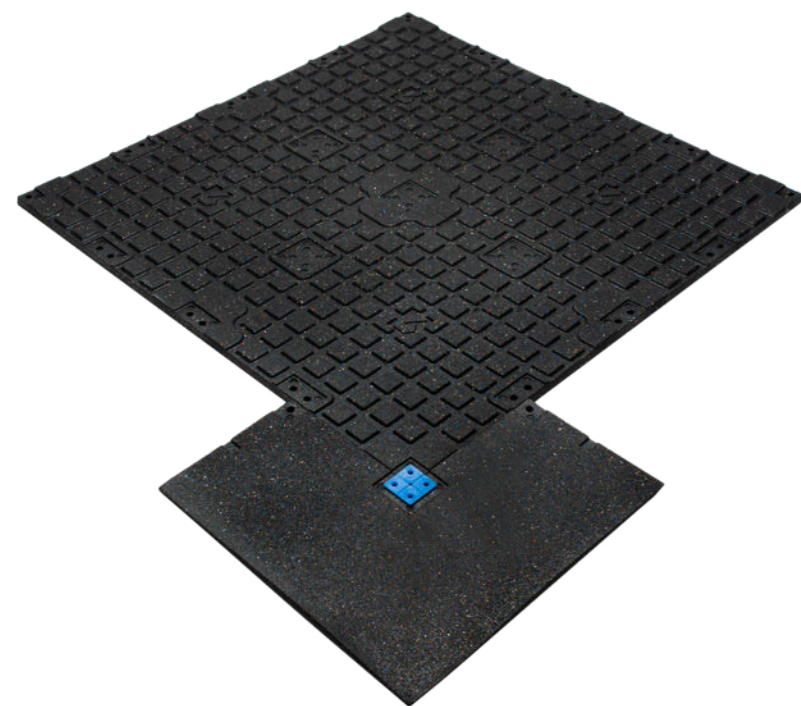


RAMP



05. CORNER

The **Fitness Tile Connect CORNERS** are available in Pure Black and in 15% grey



Fitness Tile Connect CORNER: 500x500 mm
Bottom view

DIMENSION 20x500x1.000 mm

TOLERANCES

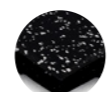
100% PURE BLACK LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm

15% GREY LENGTH/WIDTH ± 4 mm • THICKNESS ± 2 mm

COLOURS



100% PURE BLACK



15% GREY

SOUND INSULATION THICKNESS **20 mm**

CERTIFIED NOISE REDUCING 21 dB reduction

SPECIFICATIONS

BULK DENSITY TOPLAYER Approx. 1.400 kg/m³

BULK DENSITY SUBPLAYER Approx. 1.000 kg/m³

SHOCK ABSORPTION 61% EN 14808

VERTICAL DEFORMATION 5 mm EN 14809

HEAD INJURY CRITERIA (HIC) TEST 1,3 m EN 1177

EU FIRE CLASSIFICATION E_{fl}

DYNAMIC COEFFICIENT OF FRICTION: Dry slip resistance

THERMAL RESISTANCE 0,16 m².K/W

COMPLIANCE WITH CONTENT OF PENTACHLOROPHENOL

ANTISTATIC FLOOR COVERING

30x500x1.000 mm

LENGTH/WIDTH ± 1,5 mm • THICKNESS ± 2 mm



100% PURE BLACK

THICKNESS **30 mm**

24 dB reduction

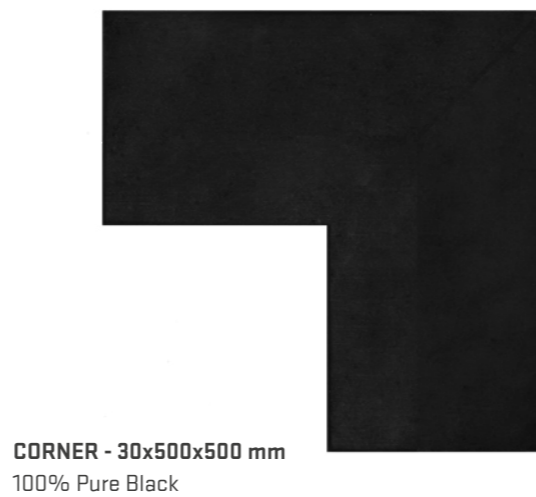
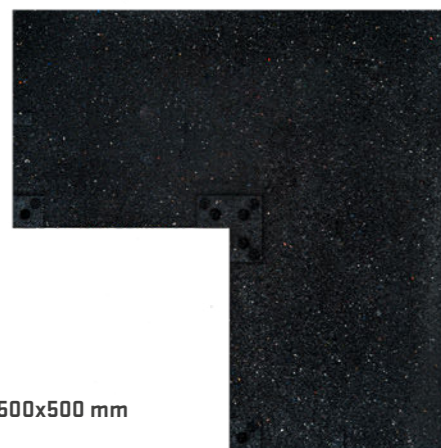
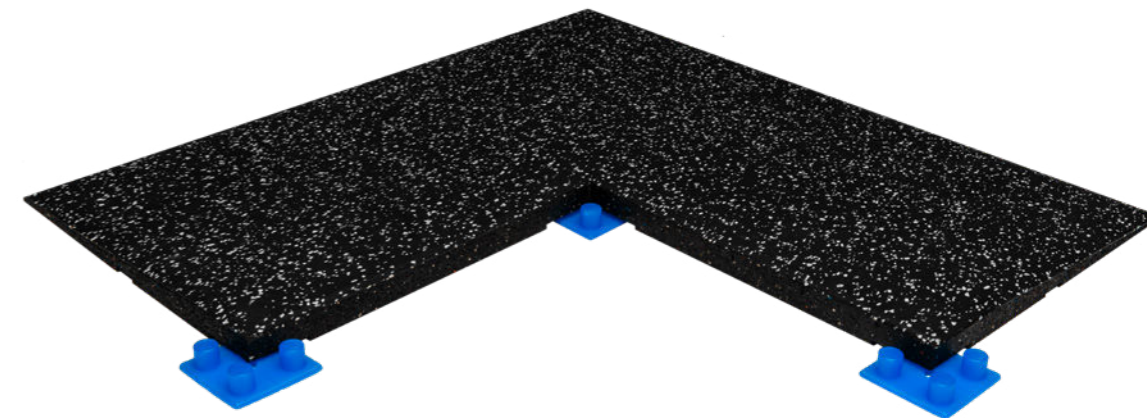
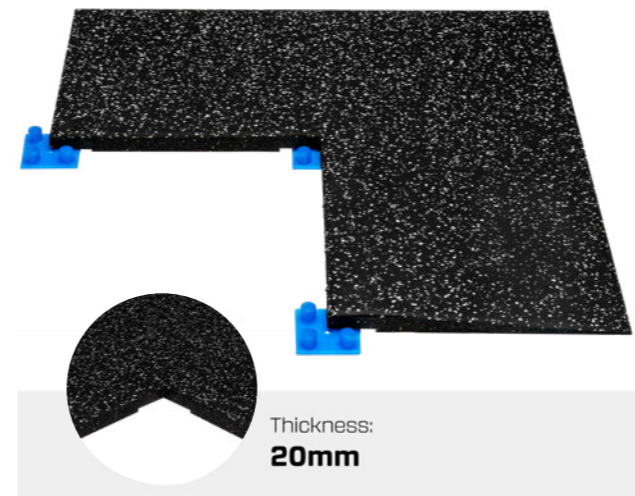
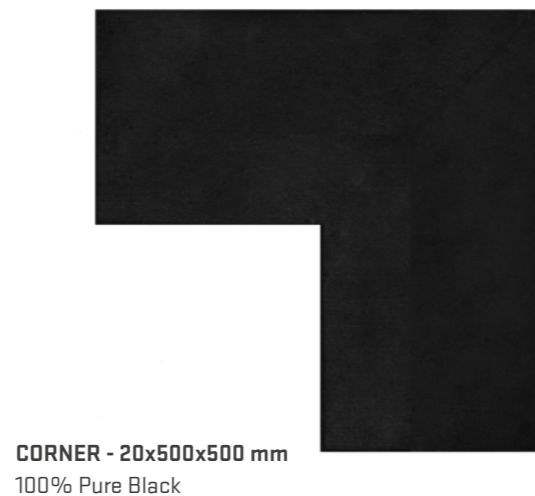


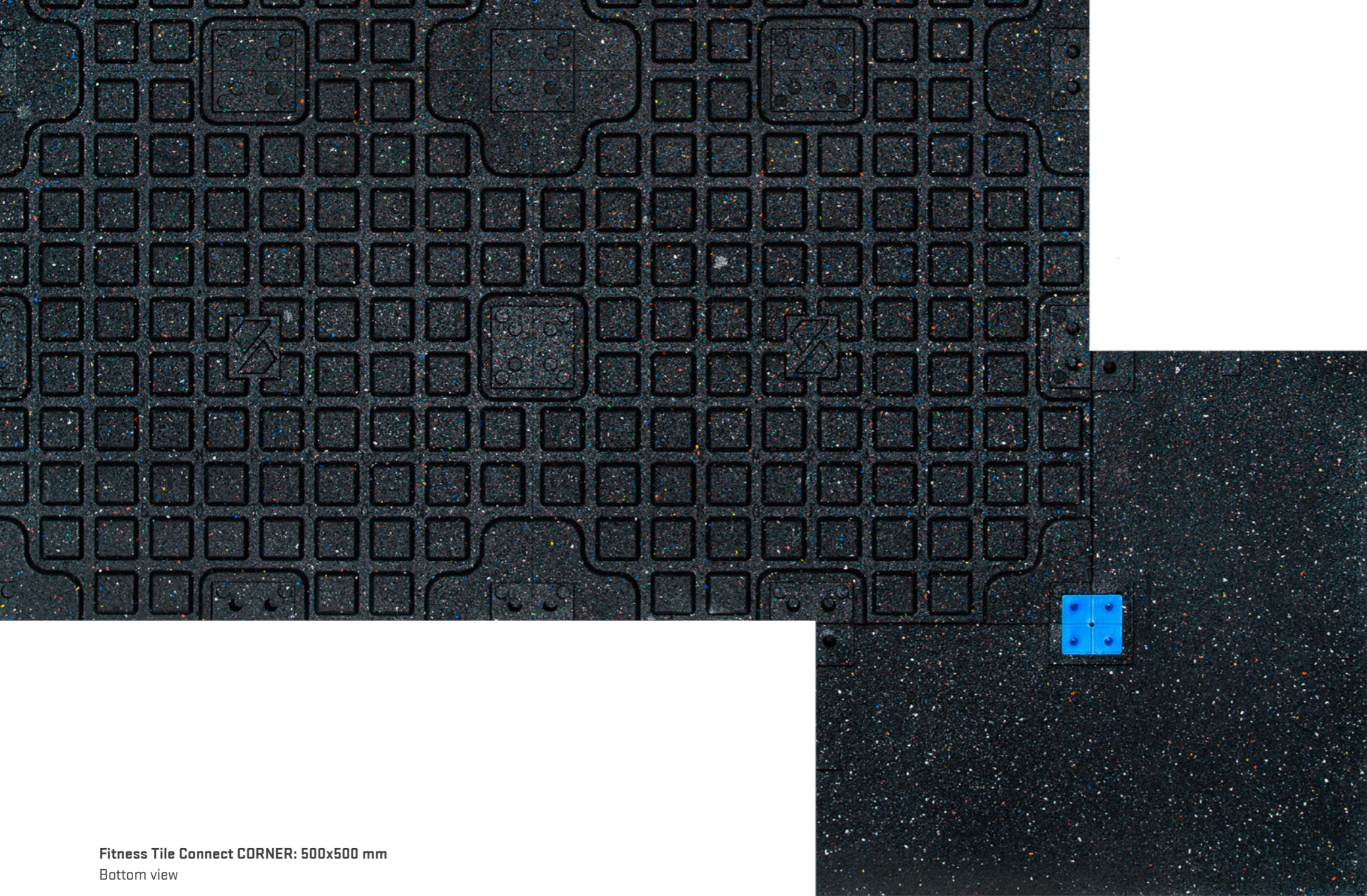
Thickness:
20mm



Thickness:
30mm







Fitness Tile Connect CORNER: 500x500 mm
Bottom view





THANK YOU