MUSCLE POWER®

FITNESS TILE CONNECT

DATASHEET

www.muscle-power.nl

CUSTOMER CARE COMES FIRST!

Stockz B.V. was founded in 2017 by two ambitious entrepreneurs with a clear mission: to ensure that fitness flooring is no longer an afterthought. Too often, clubs faced the same recurring problems:

- Delayed openings due to late deliveries
- Quality issues caused by poor flooring choices
- Budget overruns due to last-minute purchases

Large European rubber flooring manufacturers were not set up to deliver smaller but steady quantities with the right level of service and quality for such a demanding and specific market as the fitness industry.

Stockz makes the difference. We offer a wide range of high-quality sports and fitness flooring, available directly from stock and at competitive prices. This allows clubs to complete their projects on time and within budget.

We also take pride in contributing to the circular economy: our flooring products are made almost entirely from recycled truck and car tires.

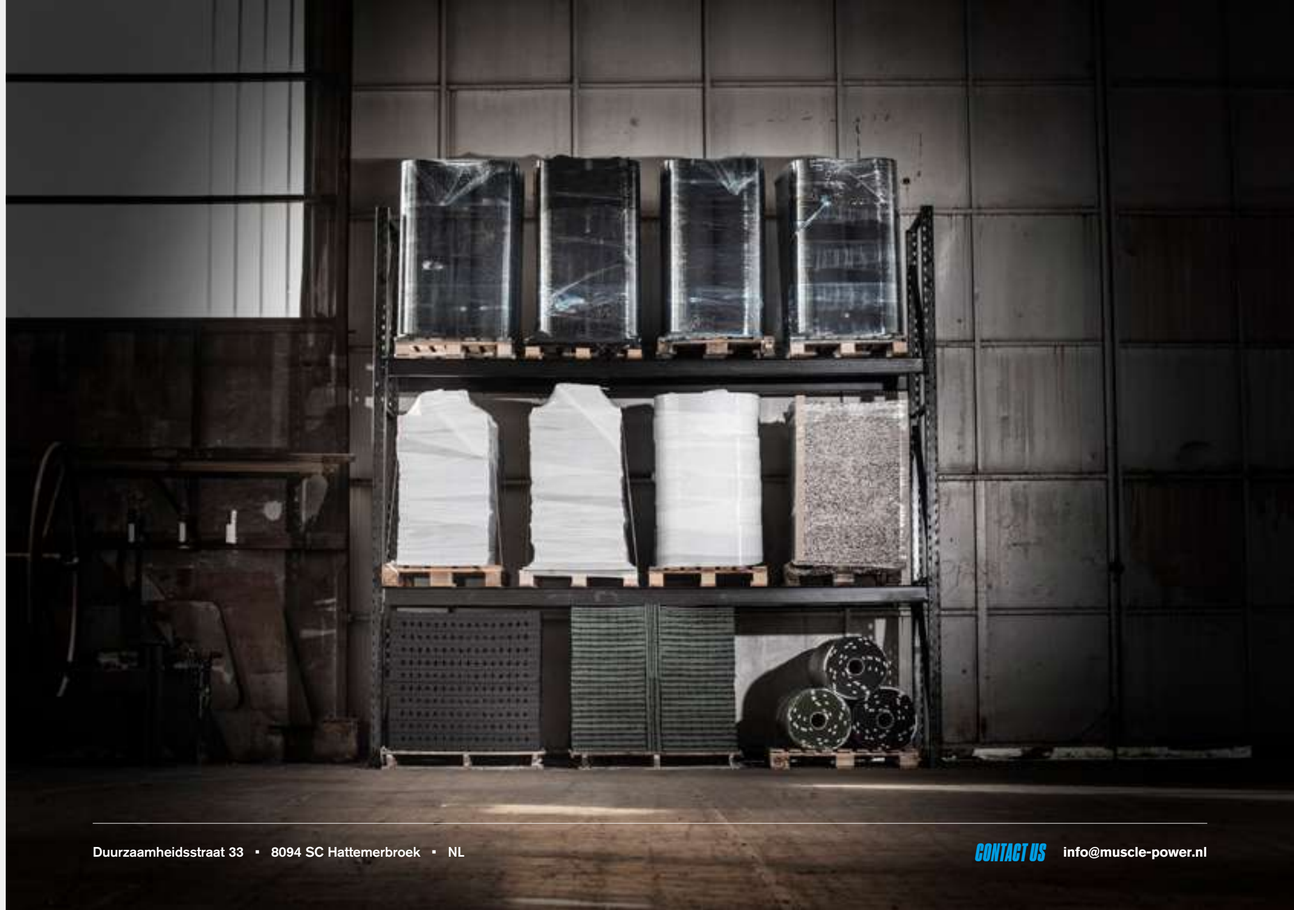
Our product range includes:

- Sports flooring by the roll
- The most versatile range of fitness tiles – designed for all types of training environments, from home gyms to hotels, corporate fitness spaces, and every functional, strength, and free-weight zone in commercial gyms
- Rubber underlay and shock-absorption solutions

In addition to our products, we provide expert guidance to help clients choose the right flooring for each specific application, ensuring optimal performance, safety, and durability.

Stockz B.V. operates from its office and warehouse in Hattemerbroek, the Netherlands, and delivers quickly and reliably throughout Europe.

YOU ARE WELCOME TO COME AND SEE US!



Duurzaamheidsstraat 33 ▪ 8094 SC Hattemerbroek ▪ NL

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Thrive Academy
70% **Stone**

TABLE OF CONTENTS

I. **DIMENSIONS & COLOURS** 02

II. **FITNESS TILES CONNECT** 04

II. **CONNECTOR** 06

III. **NOISE REDUCTION** 08

VI. **BENEFITS** 10

01. **FIFTEEN** 12

02. **PURE BLACK** 14

03. **70% EPDM** 16

04. **SPECIAL** 18

05. **RAMPS** 22

06. **CORNERS** 26

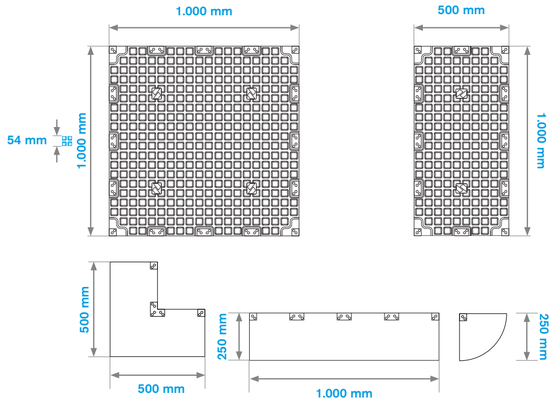
I. DIMENSIONS & COLOURS

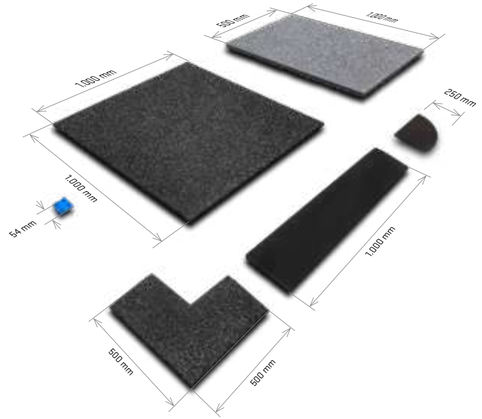
Ensuring our products remain easy to install, we kept the 30 mm and 40 mm thick square tiles at a size of 500 x 1.000 mm. Our tiles of 20 mm thickness are double the size, they have a dimension of 1.000 x 1.000 mm.

The matching ramps and corners add 250 mm to the total width and are available in 20, 30 and 40 mm thicknesses.

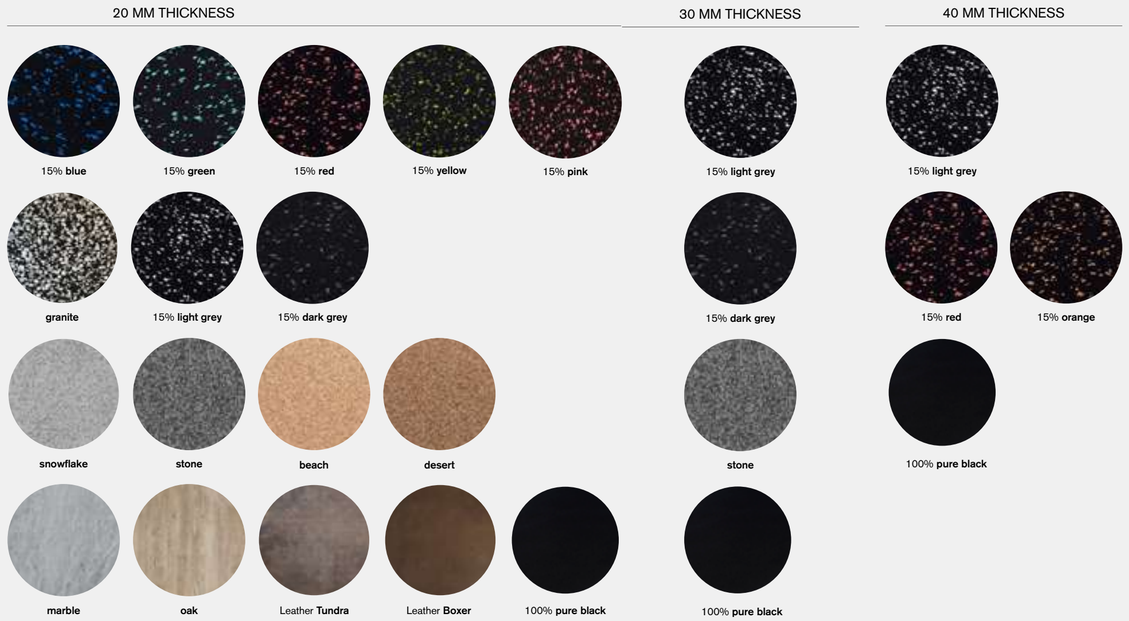
For multiple products we have progressed to the new ‘sectorial’ corners.

DIMENSIONS



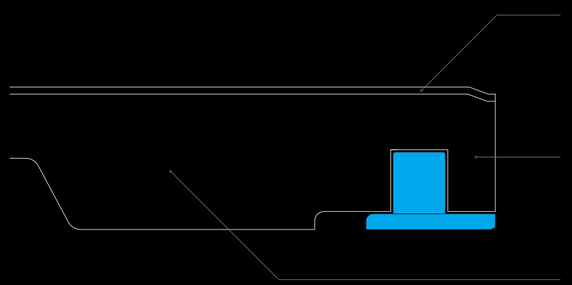


WIDE RANGE OF COLOURS



II. FITNESS TILE 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
Up tp 2.5 mm thickness, extremely dense and hard to wear toplayer (up to 1.450 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 and production left-overs. High density shock absorbing layer.
Subfloor is protected as a result of the high density.

BOTTOM PATTERN

Stockz unique designed bottom pattern
Acoustic properties - studs reduce the impact, sound and vibration to the subfloor.

THE BOTTOM

Our 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.

SIDE VIEW



BOTTOM VIEW

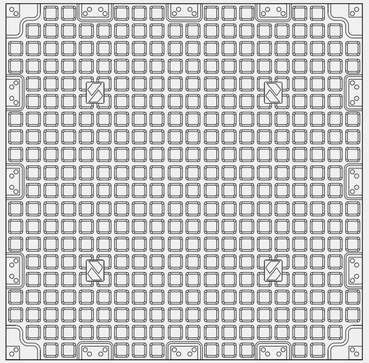




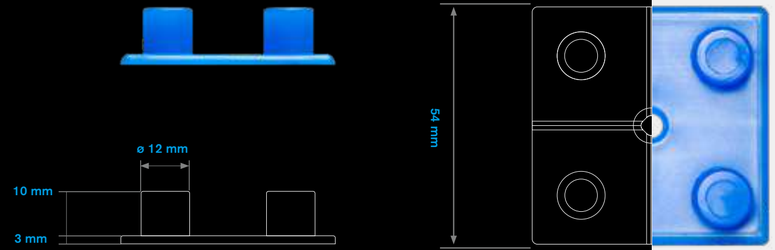
IMAGE Fitness Tile Connect - 1.000 x 1.000 mm

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 .





THE CONNECTOR SYSTEM

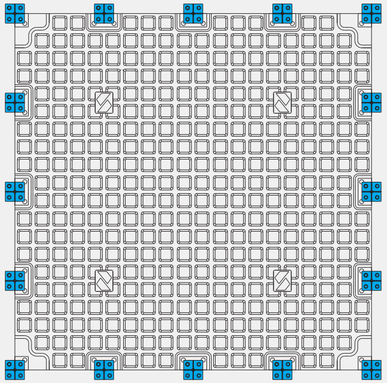
A connector is positioned at intervals of 20 centimeters, resulting in an average utilization of 7 connectors per square meter tile and 5 connectors per half-square meter tile. This, coupled with our connectors' construction from PolyPropylene, guarantees secure tile placement once connected.

This yields an outstanding free-floating system, accomplished without the need for adhesive or intricate installation techniques.

SIDE VIEW + CONNECTORS



BOTTOM VIEW + CONNECTORS



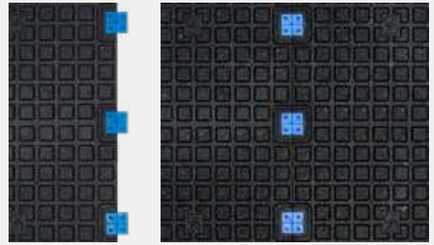


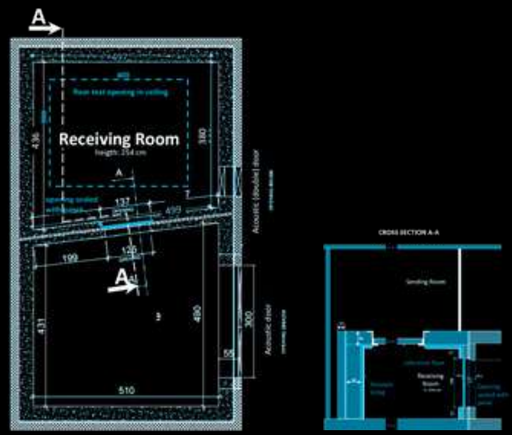
IMAGE Fitness Tile Connect - 1.000 x 1.000 mm + CONNECTORS

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.

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 provided on request.

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**

*20 MM THICKNESS + 20 MM COMPOSITE FOAM **28 DB REDUCTION**

NOISE LAB
REPORT Number A-2021LAB-003-I900-44249_E

$L_{n,0}$ **NORMALIZED IMPACT SOUND PRESSURE LEVEL (of standard floor) in accordance with ISO 10140-3:2010**

Client: CENTEXBEL — Date of test: 18/02/2021

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".

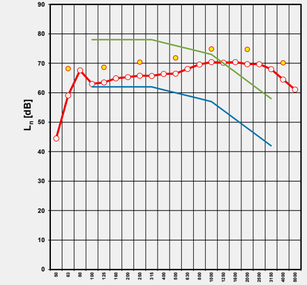
Receiving room volume V: 51,4 m³
Reference floor area : 12,0 m²
Tested floor area : 3,0 m²
Signal : Standard tapping machine with steel-headed hammers.

reference values (according ISO 717-2)
shifted reference values (according ISO 717-2)

f (Hz)	$L_{n,0}$ (dB)	(*)
1/3 octave bands :		
50	44,5	
63	59,1	
80	67,6	
100	63,0	!
125	63,5	!
160	64,9	!
200	65,3	!
250	65,8	!
315	65,7	!
400	66,4	!
500	66,5	!
630	68,1	!
800	69,6	!
1000	70,4	!
1250	70,2	!
1600	70,4	!
2000	69,7	!
2500	69,7	!
3150	68,0	!
4000	64,5	
5000	61,1	

octave bands :	
63	68,2
125	68,6
250	70,4
500	71,8
1000	74,9
2000	74,7
4000	70,2

B: $L_{n,0}$ < value shown



(*) b : background noise correction used
B : Maximum background noise correction used

Rating according to ISO 717-2

$L_{n,0,w}$ $(C_{I,0})$ = 76 (-11) dB

Evaluation based on laboratory measurement results obtained in one-third-octave bands by an engineering method

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

V. BENEFITS



EASY TO CLEAN



EASY TO INSTALL



EXTENSIVE 5 YEAR WARRANTY



ACOUSTIC QUALITIES

01. FIFTEEN

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

SPECIFICATIONS

Bulk density toplayer	Approx. 1.050 kg/m³	
Bulk density sublayer	Approx. 1.000 kg/m³	
Approximate weight	1000 x 1000 x 20 mm	18 kg
	500 x 1000 x 20 mm	9 kg
	500 x 1000 x 30 mm	12 kg
	500 x 1000 x 40mm	16 kg
Tolerances	+/- 1,5 %	
Sound insulation	20mm	21dB reduction
Certified Noise Reducing	30mm	24d dB reduction
	40mm	not specified
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,5 m at 50 mm thickness
EU fire classification	EF1	
Dynamic coefficient of friction	Dry slip resistance	
Thermal resistance	0,16 m². K/W	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	

COLOURS

Dimensions & Thickness

Dimension

20 mm

1000 x 1000 mm

- 15% **blue**
- 15% **green**
- 15% **red**
- 15% **yellow**
- 15% **pink**
- 15% **light grey**
- 15% **darkgrey**

500 x 1000 mm

- 15% **light grey**

30 mm

- 15% **light grey**
- 15% **dark grey**

40 mm

- 15% **orange**
- 15% **light grey**
- 15% **red**

REFERENCE



Jumpers Fitness (Monheim, Germany)
FIFTEEN 15% **dark grey**



Evolve (Sweden)
100% **pure black**

02. PURE BLACK

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

SPECIFICATIONS

Bulk density toplayer	Approx. 1.050 kg/m³	
Bulk density sublayer	Approx. 1.000 kg/m³	
Approximate weight	1000 x 1000 x 20 mm 500 x 1000 x 30 mm 500 x 1000 x 40mm	18 kg 12 kg 16 kg
Tolerances	+/- 1,5 %	
Sound insulation Certified Noise Reducing	20mm 30mm 40mm	21dB reduction 24d dB reduction not specified
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,5 m at 50 mm thickness
EU fire classification	EF1	
Dynamic coefficient of friction	Dry slip resistance	
Thermal resistance	0,16 m². K/W	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	

COLOURS Dimensions & Thickness

Dimension	1000 x 1000 mm	500 x 1000 mm
20 mm	100% **pure black**	100% **pure black**
30 mm		100% **pure black**
40 mm		100% **pure black**

03. 70% EPDM

The Fitness Tile Connect 70% EPDM consists of ***70% coloured EPDM.***

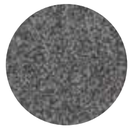
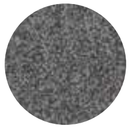
SPECIFICATIONS

Bulk density toplayer	Approx. 1.350 kg/m³	
Bulk density sublayer	Approx. 1.000 kg/m³	
Approximate weight	1000 x 1000 x 20 mm	18 kg
	500 x 1000 x 30 mm	12 kg
	500 x 1000 x 40mm	16 kg
Tolerances	+/- 1,5 %	
Sound insulation	20mm	21dB reduction
Certified Noise Reducing	30mm	24d dB reduction
	40mm	not specified
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,5 m at 50 mm thickness
EU fire classification	Dfl	
Dynamic coefficient of friction	Dry slip resistance	
Thermal resistance	0,16 m². K/W	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	

COLOURS

Dimensions & Thickness

Dimension

	1000 x 1000 mm	500 x 1000 mm
20 mm	 Stone  Granite	
30 mm		 Stone

REFERENCE



The Habit (Frankfurt, Germany)
70% EPDM stone **midgrey**

04. SPECIALS CONNECT PATTERNS

The toplayer of the Fitness Tile **Connect Patterns DESERT** and **BEACH** consists of a ***mix between EPDM and shoe production leftovers.***

COLOURS Dimensions & Thickness

Dimension 1000 x 1000 mm 500 x 1000 mm



beach desert

Connect Patterns MARBLE, SNOWFLAKE & OAK

Featuring a 2 ***mm fiber-reinforced rubber layer*** for exceptional strength and resilience, this surface is fully customizable in both color and dynamic irregular patterns. We begin by offering three distinct designs and will continue to expand the variety over time. Its foundation is built on the trusted ***Connect Tile structure***, ensuring unmatched stability and installation integrity.



marble snowflake oak

SPECIFICATIONS

Bulk density toplayer	Approx. 1.450 kg/m³	
Bulk density sublayer	Approx. 1.000 kg/m³	
Approximate weight	1000 x 1000 x 20 mm	18,5 kg
Tolerances	+/- 1,5 %	
Sound insulation Certified Noise Reducing	20mm 30mm 40mm	21dB reduction 24d dB reduction not specified
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,5 m at 50 mm thickness
Dynamic coefficient of friction	Dry slip resistance	
Thermal resistance	0,16 m². K/W	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	

CONNECT LEATHER

Boxer & Tundra – Leather luxury for your floor.
Premium buffalo leather, natural aging effect, and exceptional performance – crafted for fitness spaces that demand style and strength.

SPECIFICATIONS

Bulk density toplayer	n/a	
Bulk density sublayer	Approx. 1.000 kg/m³	
Tolerances	+/- 1,5 %	
Sound insulation Certified Noise Reducing	20mm 30mm 40mm	21dB reduction tests to be completed tests to be completed
Shock Absorption	tests to be completed	
Vertical deformation	tests to be completed	
Head injury criteria (HIC) test	tests to be completed	
Dynamic coefficient of friction	tests to be completed	
Thermal resistance	tests to be completed	
Additional	Compliance with content of pentachlorophenol Antistatic floor covering	

COLOURS Dimensions & Thickness

Dimension 1000 x 1000 mm



Leather **Tundra** Leather **Boxer**

FEATURE	TUNDRA	BOXER
Type	Buffalo leather	Split leather / Buffalo leather
Top Layer	Paraffin wax	Aniline
Thickness	1.8 mm	1.4 - 1.6 mm
Slip safety	R9	R9
Fire safet (toplayer only)	Bfl – S1 product test to be completed	Bfl – S1 product test to be completed
Look & feel	Sturdy matte, colour depth	Smooth, light colour nuances
Special effect	Self-restoring scratches, patina	Natural aging, subtle contrast



MUSCLE POWER®

VISIT US www.muscle-power.nl

SPECIAL Leather "Tundra"

CONTACT US info@muscle-power.nl

05. RAMPS

The Fitness Tile Connect RAMPS are available in
100% pure black and with ***15% coloured EPDM.***

SPECIFICATIONS

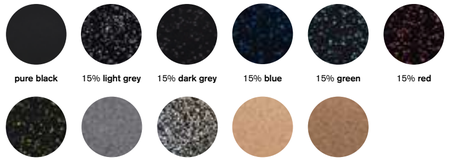
Bulk density toplayer		From approx. 1.050 kg/m³ up to 1.450 kg/m³
Bulk density sublayer		Approx. 1.000 kg/m³
Tolerances		+/- 1,5 %
Sound insulation Certified Noise Reducing	20mm 30mm 40mm	21dB reduction 24d dB reduction not specified
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,5 m at 50 mm thickness
EU fire classification	EF1	
Dynamic coefficient of friction		Dry slip resistance
Thermal resistance		0,16 m². K/W
Additional		Compliance with content of pentachlorophenol Antistatic floor covering

COLOURS

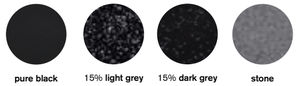
Dimensions & Thickness

Dimension 250 x 1.000 mm

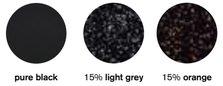
20 mm



30 mm



40 mm



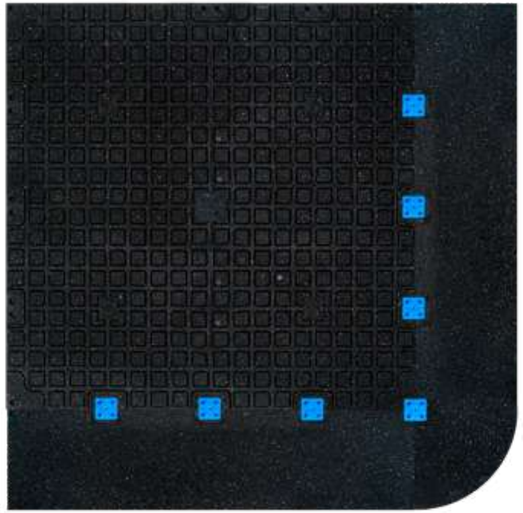




L-shaped corners*



Sectorial (rounded) corners



06. CORNERS*

The Fitness Tile Connect CORNERS* are available in
100% pure black and with ***15% coloured EPDM.***

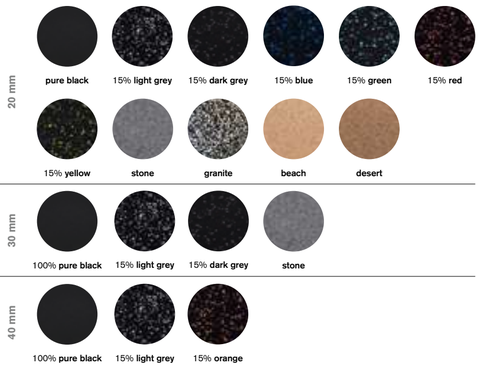
SPECIFICATIONS

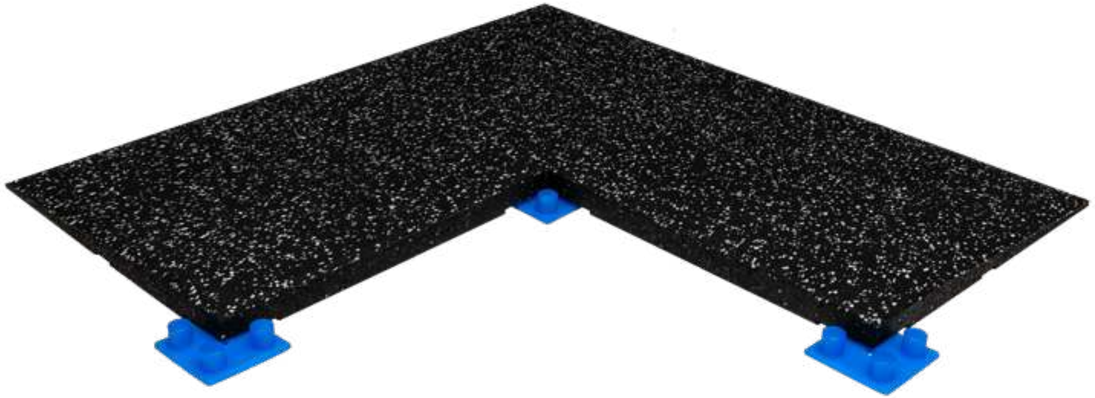
Bulk density toplayer		From approx. 1.050 kg/m³ up to 1.450 kg/m³
Bulk density sublayer		Approx. 1.000 kg/m³
Tolerances		+/- 1,5 %
Sound insulation Certified Noise Reducing	20mm 30mm 40mm	21dB reduction 24d dB reduction not specified
Shock Absorption	EN 14808	61%
Vertical deformation	EN 14809	5 mm
Head injury criteria (HIC) test	EN 1177	1,5 m at 50 mm thickness
EU fire classification	EF1	
Dynamic coefficient of friction		Dry slip resistance
Thermal resistance		0,16 m². K/W
Additional		Compliance with content of pentachlorophenol Antistatic floor covering

**All L-shaped corners will be phases out.*
When stock is depleted these will transition to the new curved corners'

COLOURS Dimensions & Thickness

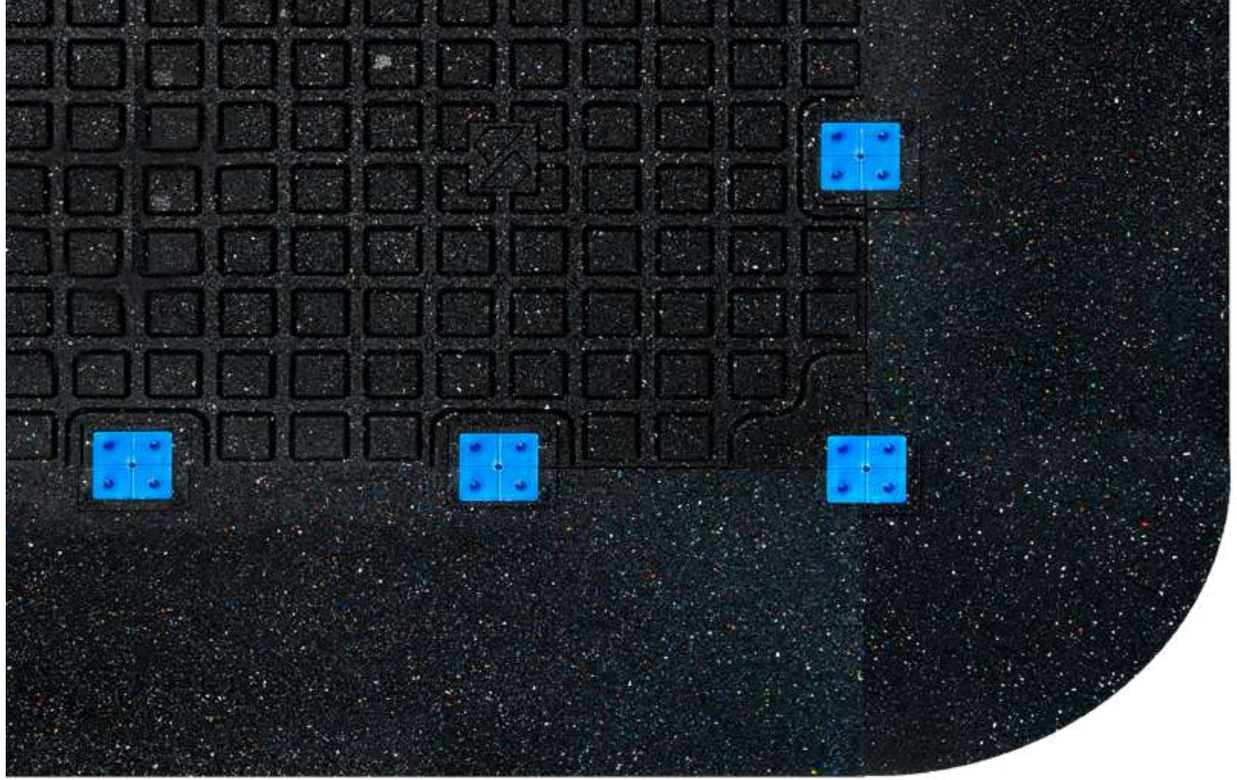
Dimension 500 x 500 mm













MUSCLE POWER®

VISIT US www.muscle-power.nl

Evolve (Sweden)
100% pure black

CONTACT US info@muscle-power.nl

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THANK YOU

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