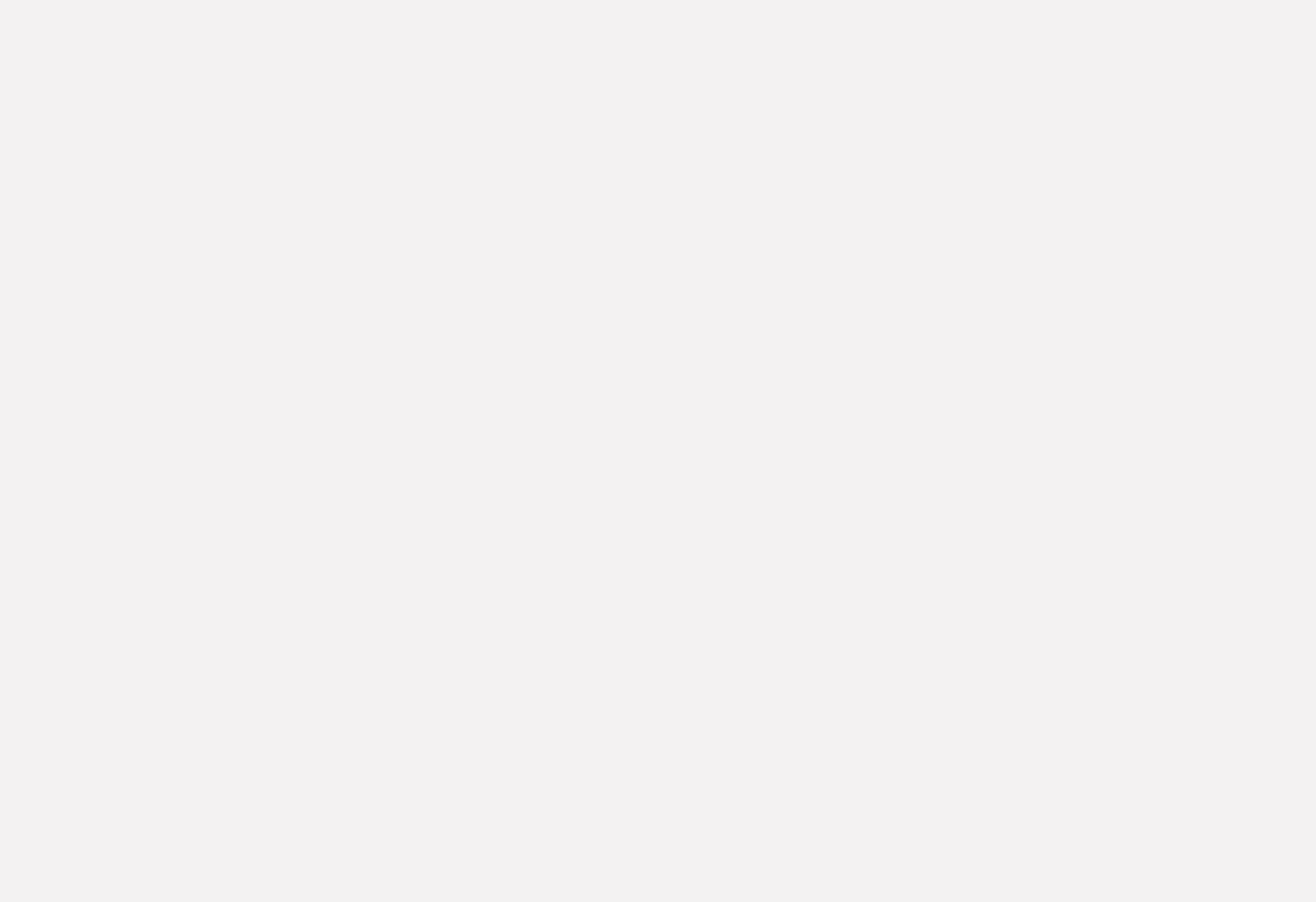




# FITNESS TILE CONNECT

DATASHEET

[www.gymfloorstore.com](http://www.gymfloorstore.com)







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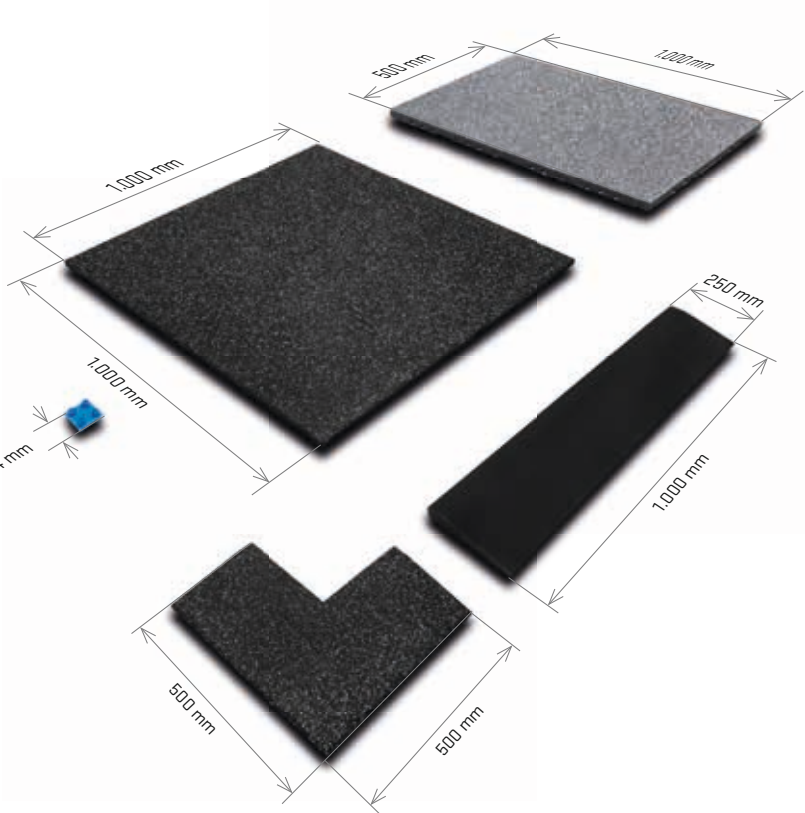
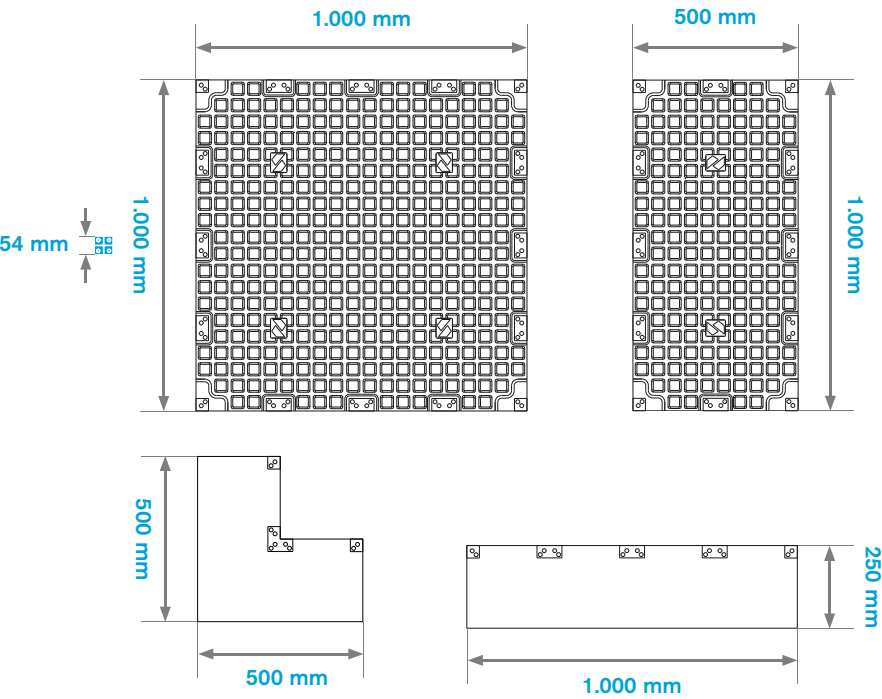
|     |         |    |
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I. DIMENSIONS & COLOURS

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.

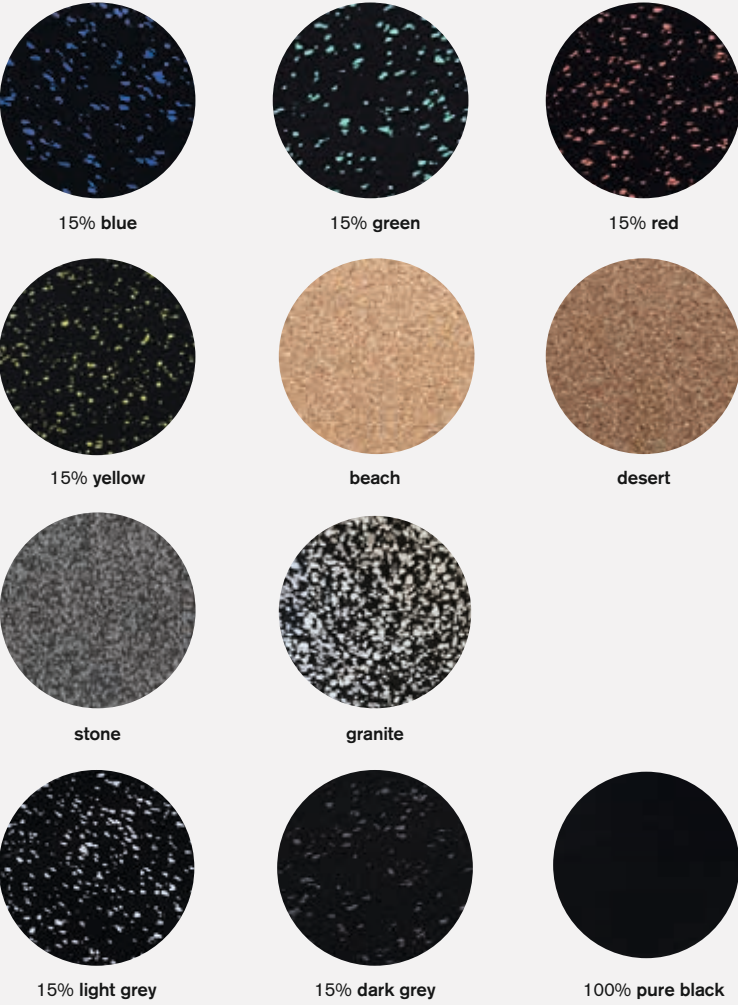
The matching ramps and corners add 250 mm to the total width and are available in 20, 30 and 40 mm thicknesses.

DIMENSIONS



WIDE RANGE OF COLOURS

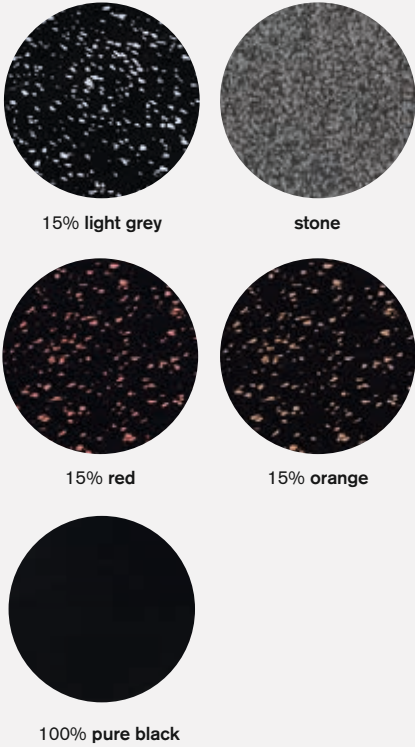
20 MM THICKNESS



30 MM THICKNESS



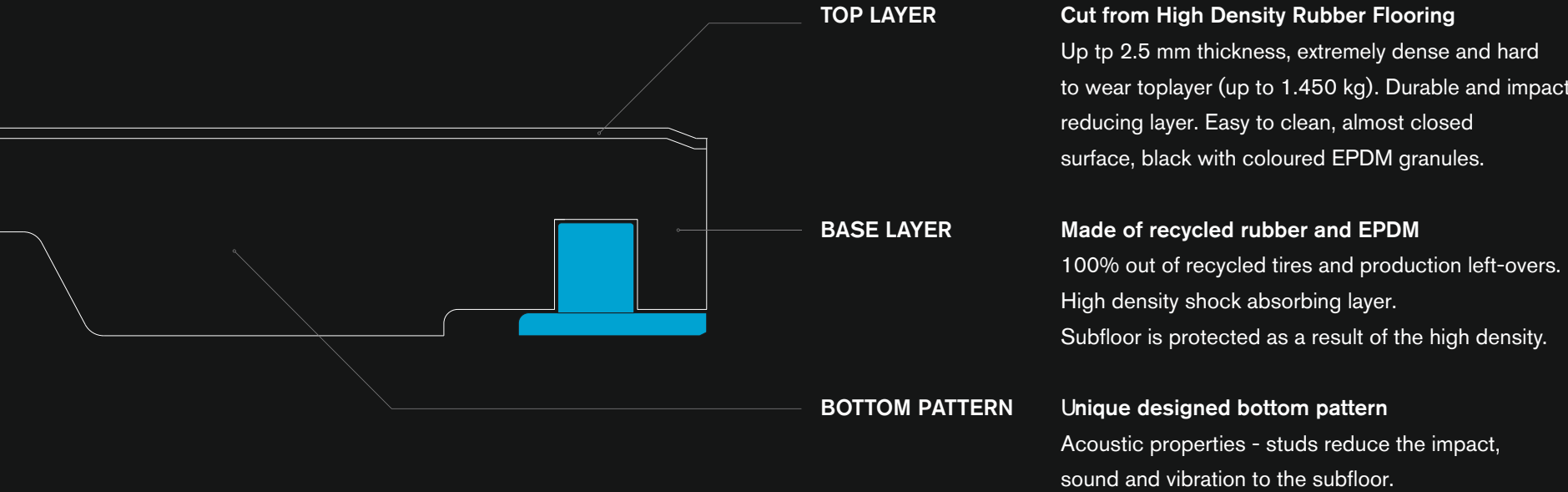
40 MM THICKNESS





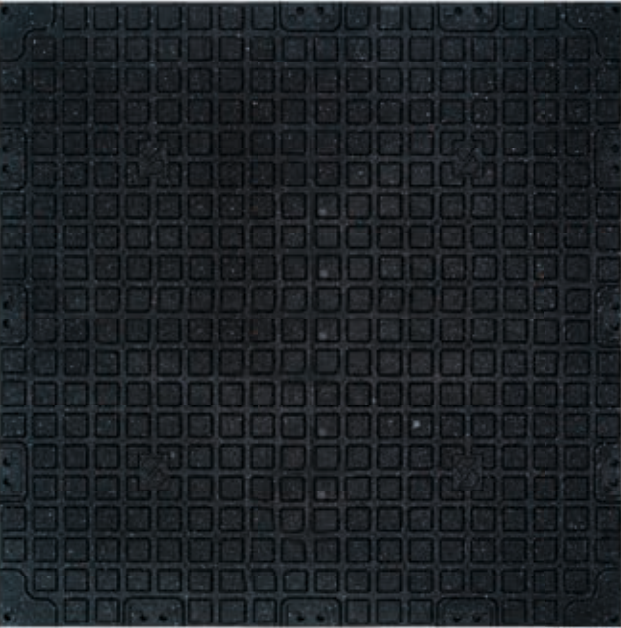
II. FITNESS TILE CONNECT

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.



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.

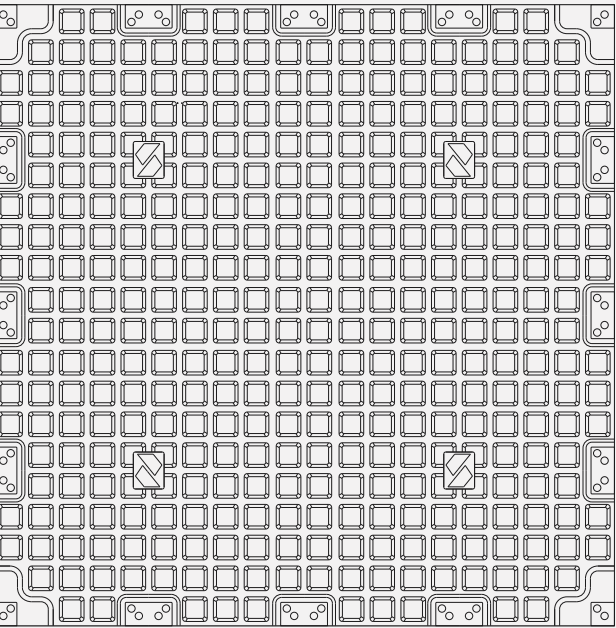


**IMAGE** Fitness Tile Connect - 1.000 x 1.000 mm

SIDE VIEW



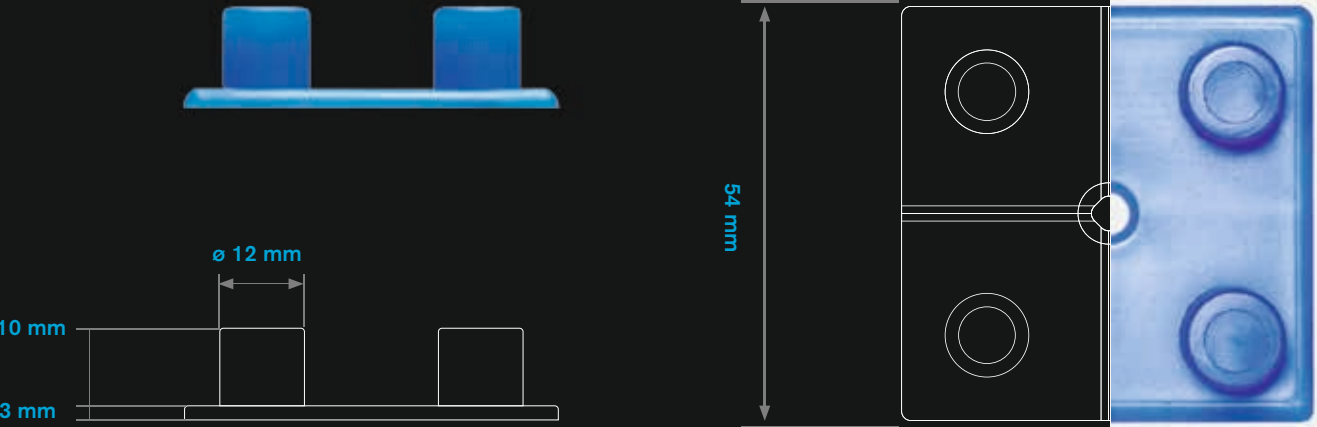
BOTTOM VIEW



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 .



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

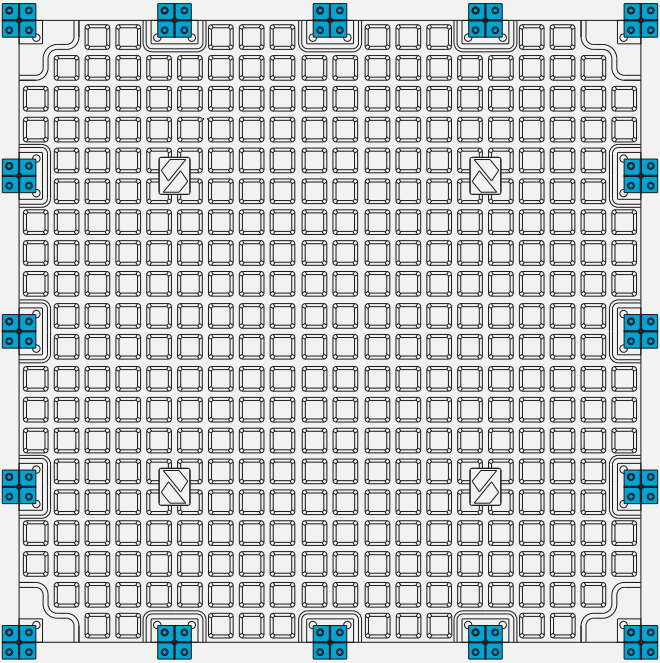
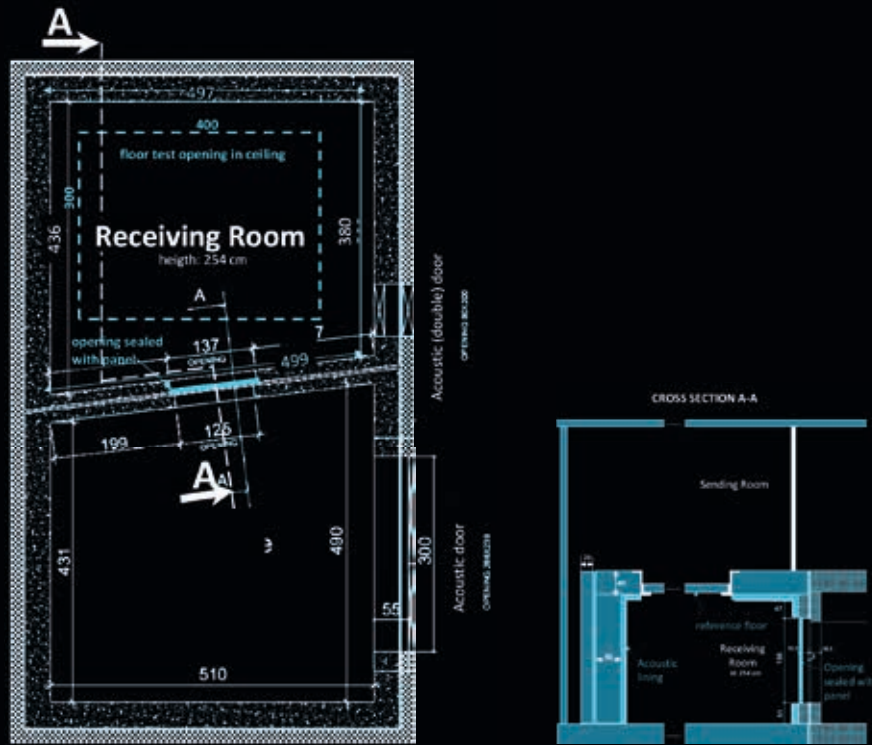


IMAGE Fitness Tile Connect - 1.000 x 1.000 mm + CONNECTORS



# IV. NOISE REDUCTION



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.

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.

# 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

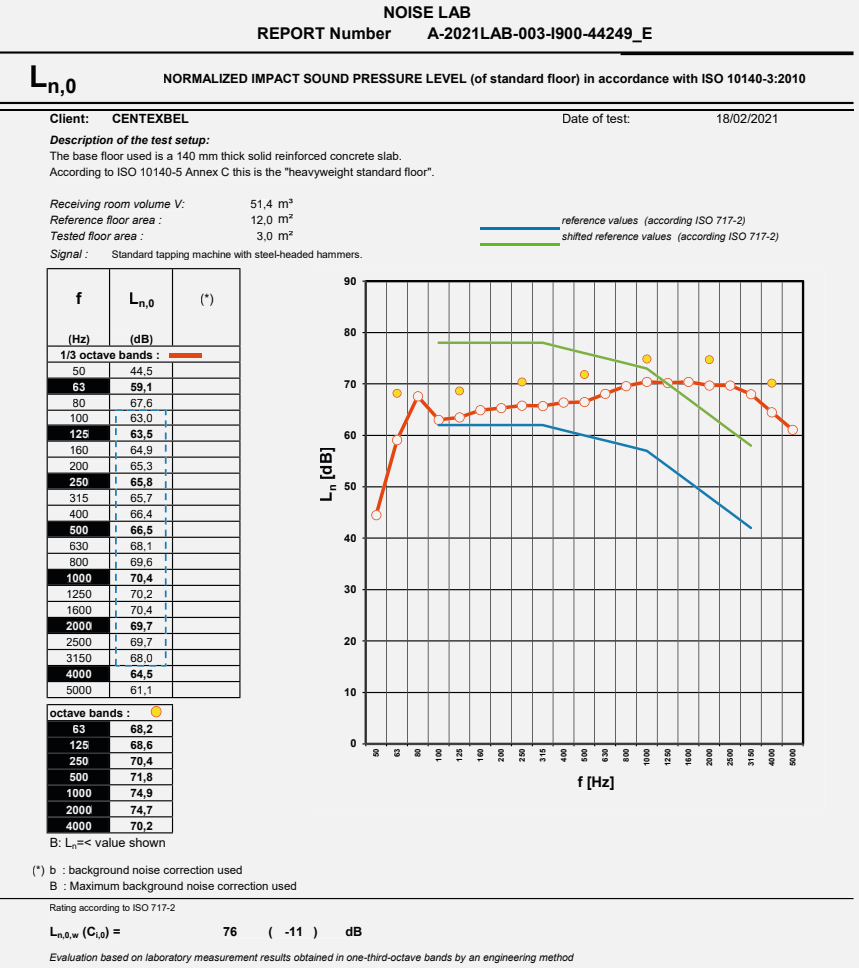
21 DB REDUCTION\*

30 MM THICKNESS

24 DB REDUCTION

\*20 MM THICKNESS + 20 MM COMPOSITE FOAM

28 DB REDUCTION



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



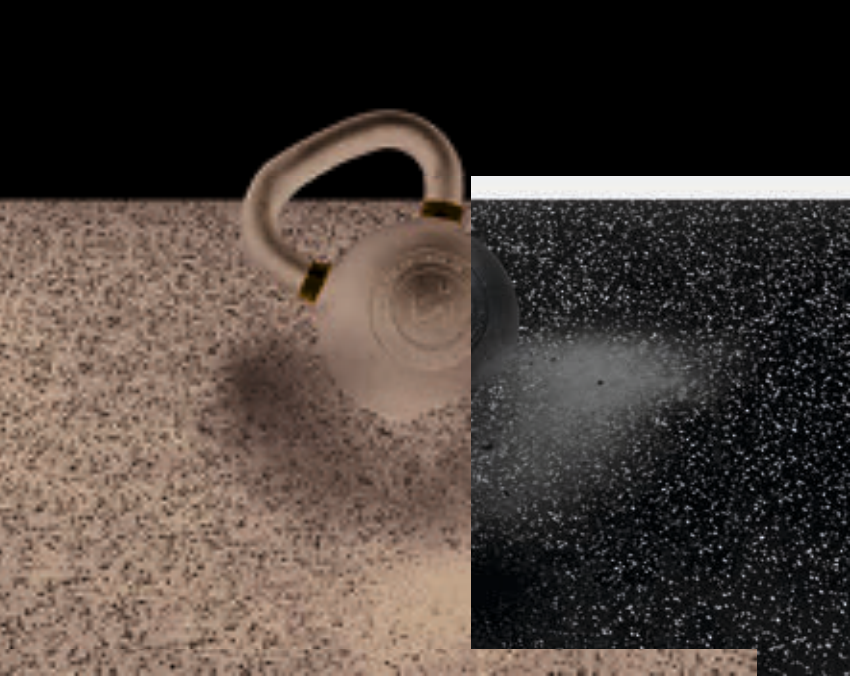
EASY TO CLEAN



EASY TO INSTALL



EXTENSIVE 5 YEAR WARRANTY



ACOUSTIC QUALITIES



# 01. FIFTEEN

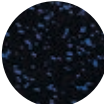
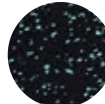
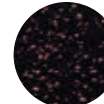
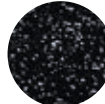
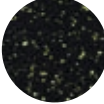
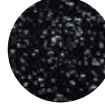
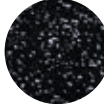
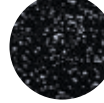
The Fitness Tile Connect FIFTEEN's toplayer consists of **85% SBR** and holds **15% coloured EPDM**.

## SPECIFICATIONS

|                                                             |                                                                           |                          |
|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------|
| Bulk density toplayer                                       | Approx. 1.050 kg/m³                                                       |                          |
| Bulk density sublayer                                       | Approx. 1.000 kg/m³                                                       |                          |
| Tolerances                                                  | +/- 1,5 %                                                                 |                          |
| Sound insulation<br><small>Certified Noise Reducing</small> | 20mm                                                                      | 21dB reduction           |
|                                                             | 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<br>Antistatic floor covering |                          |

## COLOURS

### Dimensions & Thickness

| Dimension | 1000 x 1000 mm                                                                                    |                                                                                                       |                                                                                                     | 500 x 1000 mm                                                                                           |
|-----------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 20 mm     | <br>15% blue   | <br>15% green      | <br>15% red      | <br>15% light grey   |
|           | <br>15% yellow | <br>15% light grey | <br>15% darkgrey |                                                                                                         |
| 30 mm     |                                                                                                   |                                                                                                       |                                                                                                     | <br>15% light grey   |
| 40 mm     |                                                                                                   |                                                                                                       |                                                                                                     | <br>15% dark grey    |
|           |                                                                                                   |                                                                                                       | <br>15% orange | <br>15% light grey |
|           |                                                                                                   |                                                                                                       | <br>15% red    |                                                                                                         |

## REFERENCE





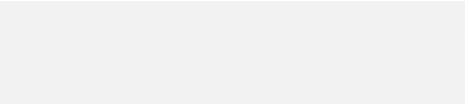


## 02. PURE BLACK

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                                                       |                          |
| Tolerances                                                  | +/- 1,5 %                                                                 |                          |
| Sound insulation<br><small>Certified Noise Reducing</small> | 20mm                                                                      | 21dB reduction           |
|                                                             | 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<br>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

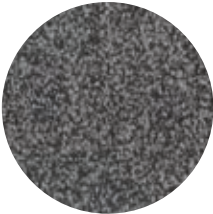
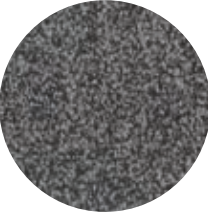
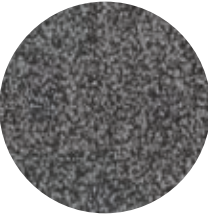
The Fitness Tile Connect 70% EPDM consists of **70% coloured EPDM**.

#### SPECIFICATIONS

|                                                             |                                                                           |                          |
|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------|
| Bulk density toplayer                                       | Approx. 1.350 kg/m³                                                       |                          |
| Bulk density sublayer                                       | Approx. 1.000 kg/m³                                                       |                          |
| Tolerances                                                  | +/- 1,5 %                                                                 |                          |
| Sound insulation<br><small>Certified Noise Reducing</small> | 20mm                                                                      | 21dB reduction           |
|                                                             | 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<br>Antistatic floor covering |                          |

#### COLOURS

#### Dimensions & Thickness

| Dimension | 1000 x 1000 mm                                                                        | 500 x 1000 mm                                                                       |
|-----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 20 mm     |    |  |
|           | Stone                                                                                 | Granite                                                                             |
| 30 mm     |   |                                                                                     |
|           | Stone                                                                                 |                                                                                     |
| 40 mm     |  |                                                                                     |
|           | Stone                                                                                 |                                                                                     |







## 04. SPECIALS

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

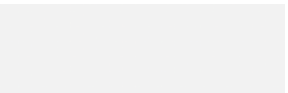
### SPECIFICATIONS

|                                                             |                                                                           |                          |
|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------|
| Bulk density toplayer                                       | Approx. 1.450 kg/m³                                                       |                          |
| Bulk density sublayer                                       | Approx. 1.000 kg/m³                                                       |                          |
| Tolerances                                                  | +/- 1,5 %                                                                 |                          |
| Sound insulation<br><small>Certified Noise Reducing</small> | 20mm                                                                      | 21dB reduction           |
|                                                             | 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 |
| Dynamic coefficient of friction                             | Dry slip resistance                                                       |                          |
| Thermal resistance                                          | 0,16 m². K/W                                                              |                          |
| Additional                                                  | Compliance with content of pentachlorophenol<br>Antistatic floor covering |                          |

### COLOURS

### Dimensions & Thickness

|           |                |        |           |
|-----------|----------------|--------|-----------|
| Dimension | 1000 x 1000 mm |        |           |
| 20 mm     |                |        |           |
|           | beach          | desert | honeycomb |
|           |                |        |           |



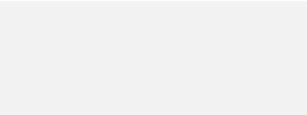


## 05. RAMPS

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

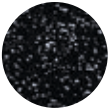
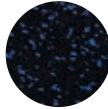
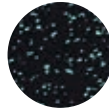
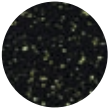
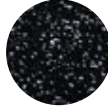
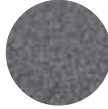
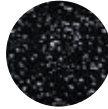
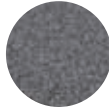
### SPECIFICATIONS

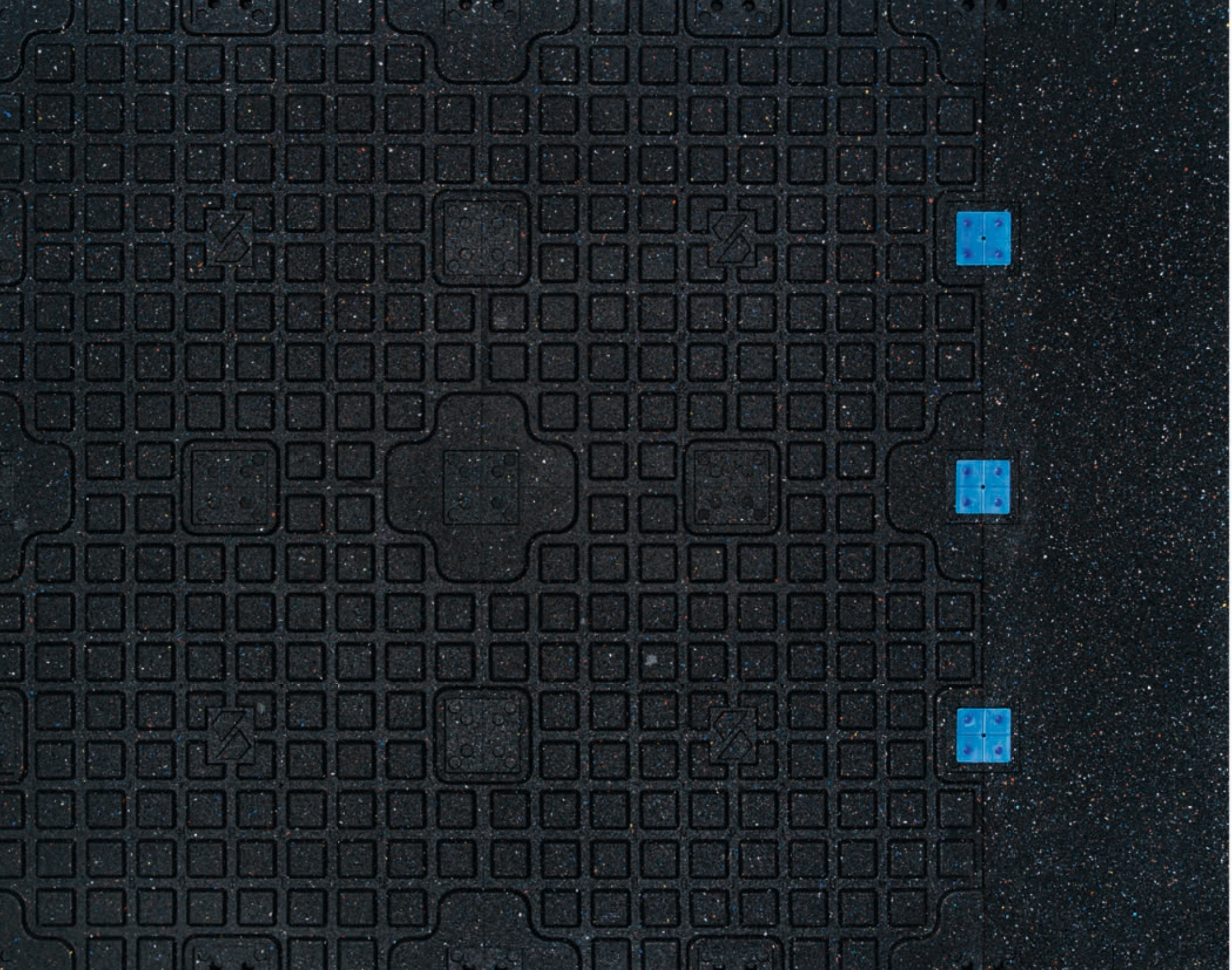
|                                                             |                                                                           |                          |
|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------|
| 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<br><small>Certified Noise Reducing</small> | 20mm                                                                      | 21dB reduction           |
|                                                             | 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<br>Antistatic floor covering |                          |



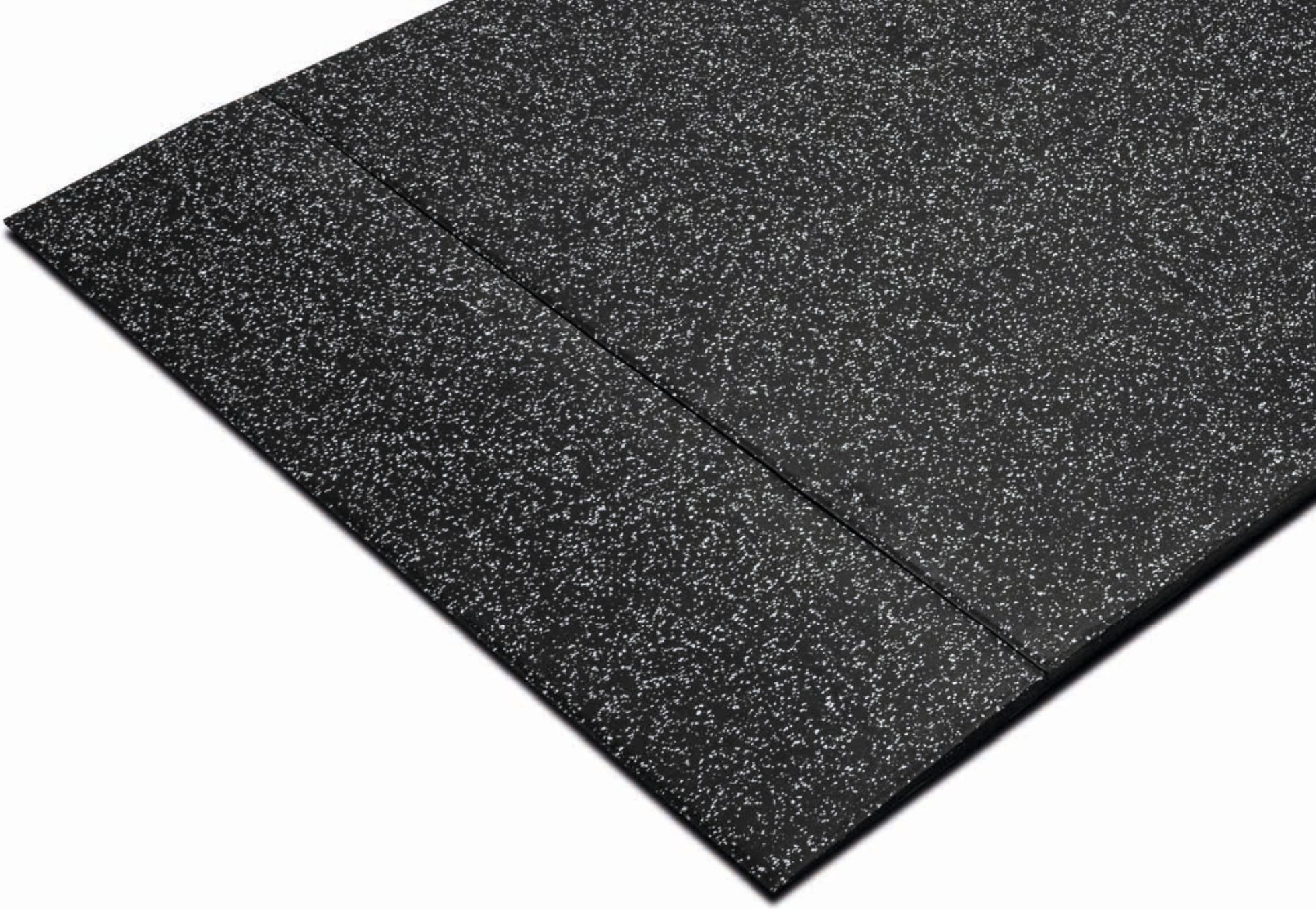
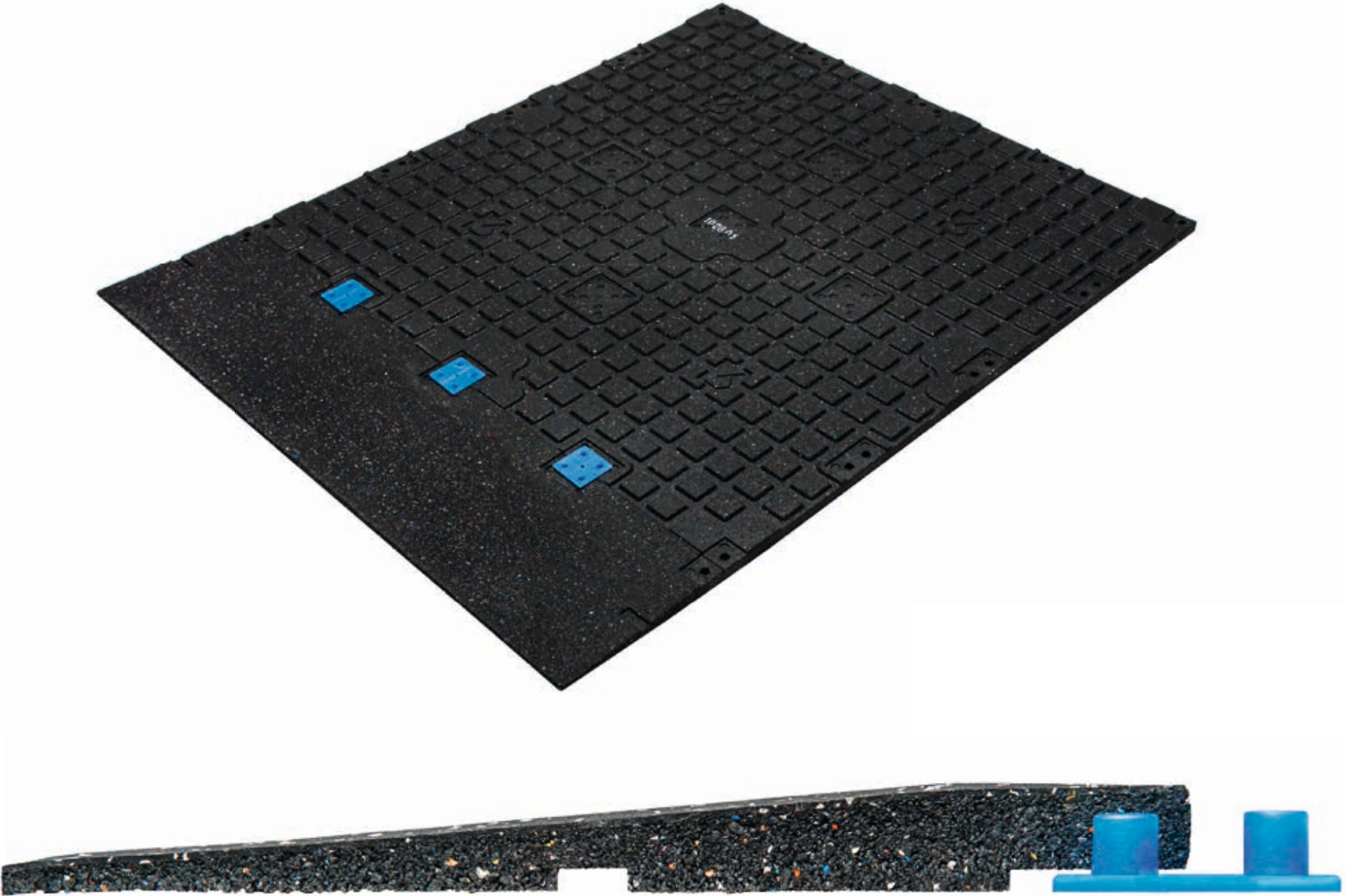
### COLOURS

### Dimensions & Thickness

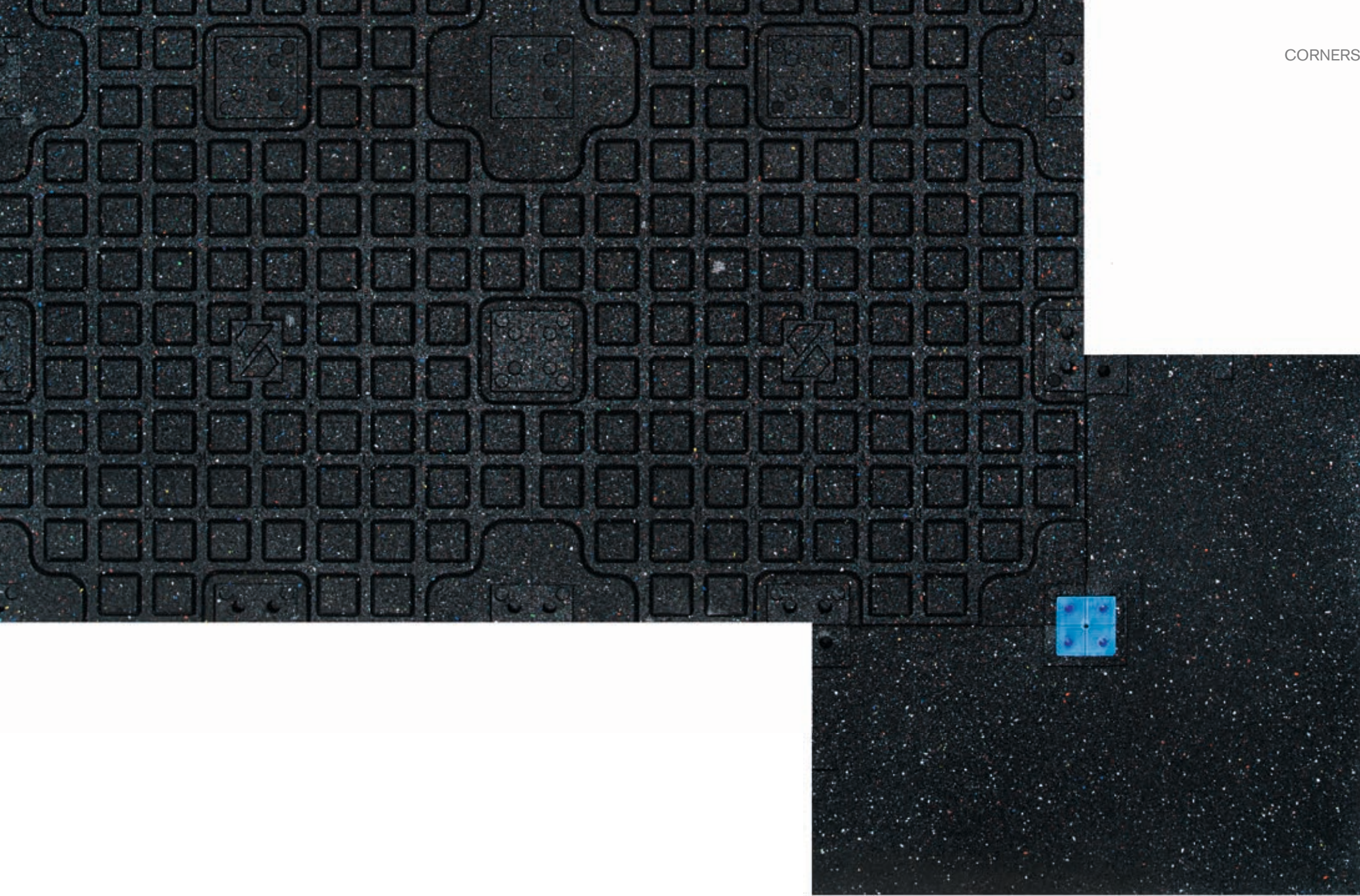
| Dimension |  | 250 x 1.000 mm                                                                        |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |
|-----------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 20 mm     |  |    |    |    |    |  |  |
|           |  | pure black                                                                            | 15% light grey                                                                        | 15% dark grey                                                                         | 15% blue                                                                              | 15% green                                                                           | 15% red                                                                             |
| 30 mm     |  |    |    |    |    |  |                                                                                     |
|           |  | 15% yellow                                                                            | stone                                                                                 | granite                                                                               | beach                                                                                 | desert                                                                              |                                                                                     |
| 40 mm     |  |    |    |    |    |                                                                                     |                                                                                     |
|           |  | pure black                                                                            | 15% light grey                                                                        | 15% dark grey                                                                         | stone                                                                                 |                                                                                     |                                                                                     |
| 40 mm     |  |  |  |  |  |                                                                                     |                                                                                     |
|           |  | pure black                                                                            | 15% light grey                                                                        | stone                                                                                 | 15% orange                                                                            |                                                                                     |                                                                                     |











CORNERS

## 06. CORNERS

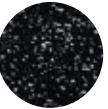
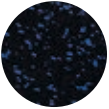
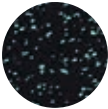
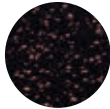
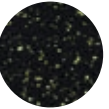
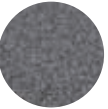
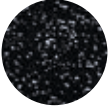
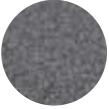
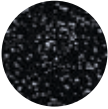
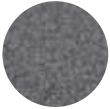
The Fitness Tile Connect CORNERS are available in **100% pure black** and with **15% coloured EPDM**.

### SPECIFICATIONS

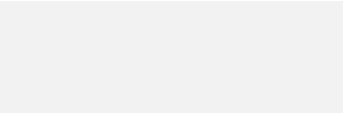
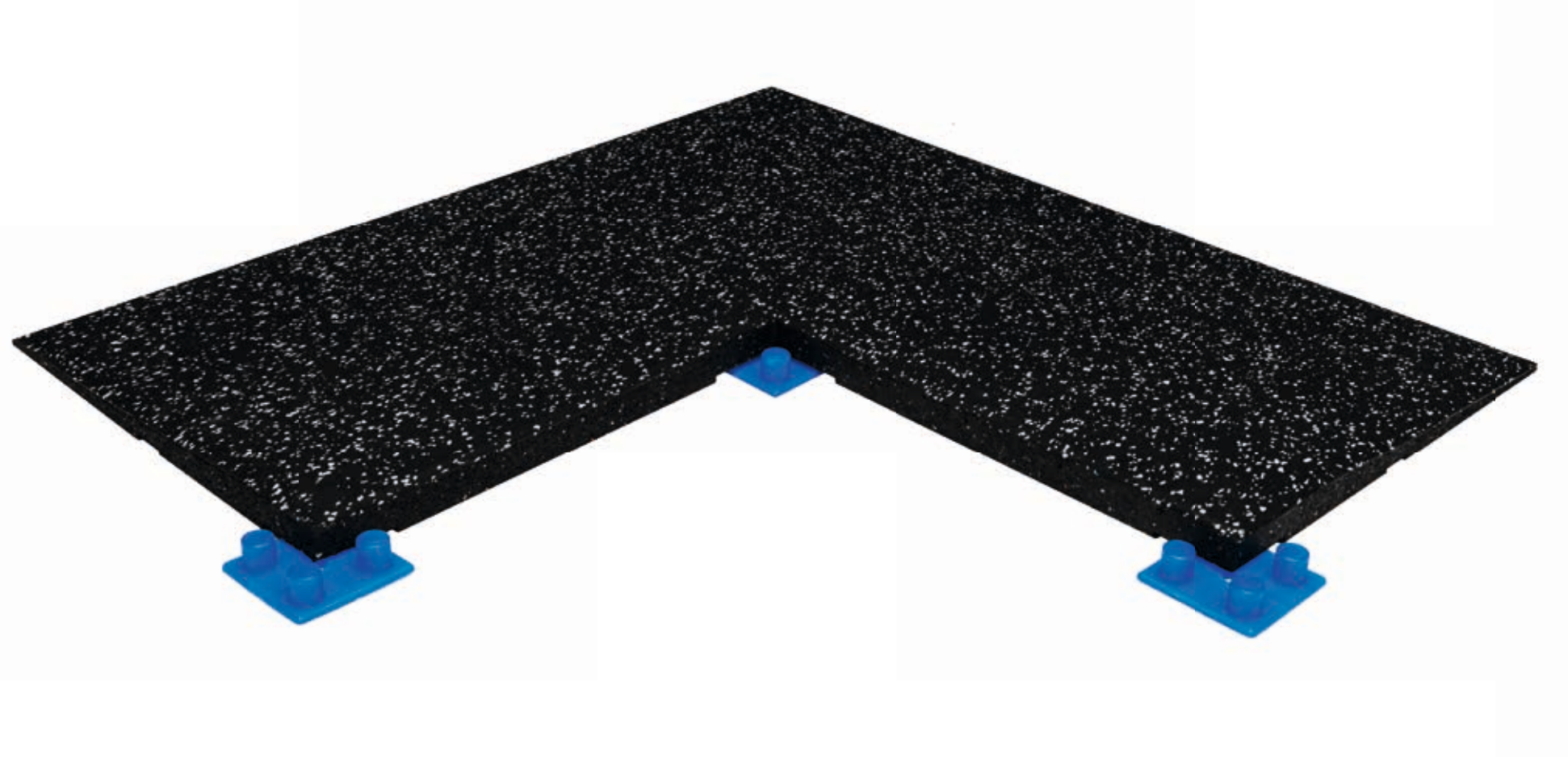
|                                                             |                                                                           |                          |
|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------|
| 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<br><small>Certified Noise Reducing</small> | 20mm                                                                      | 21dB reduction           |
|                                                             | 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<br>Antistatic floor covering |                          |

### COLOURS

### Dimensions & Thickness

| Dimension |  | 500 x 500 mm                                                                          |                                                                                       |                                                                                       |                                                                                       |                                                                                     |                                                                                     |
|-----------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 20 mm     |  |    |    |    |    |  |  |
|           |  | pure black                                                                            | 15% light grey                                                                        | 15% dark grey                                                                         | 15% blue                                                                              | 15% green                                                                           | 15% red                                                                             |
| 30 mm     |  |    |    |    |    |  |                                                                                     |
|           |  | 15% yellow                                                                            | stone                                                                                 | granite                                                                               | beach                                                                                 | desert                                                                              |                                                                                     |
| 40 mm     |  |    |    |    |    |                                                                                     |                                                                                     |
|           |  | 100% pure black                                                                       | 15% light grey                                                                        | 15% dark grey                                                                         | stone                                                                                 |                                                                                     |                                                                                     |
| 40 mm     |  |  |  |  |  |                                                                                     |                                                                                     |
|           |  | 100% pure black                                                                       | 15% light grey                                                                        | stone                                                                                 | 15% orange                                                                            |                                                                                     |                                                                                     |









Evolve (Sweden)  
100% pure black





**THANK YOU**