

# DATASHEET



# GORILA

RECYCLED FITNESS TILES BY FLOWCO

# PRODUCT DATASHEET

## IDENTIFICATION OF THE PRODUCT

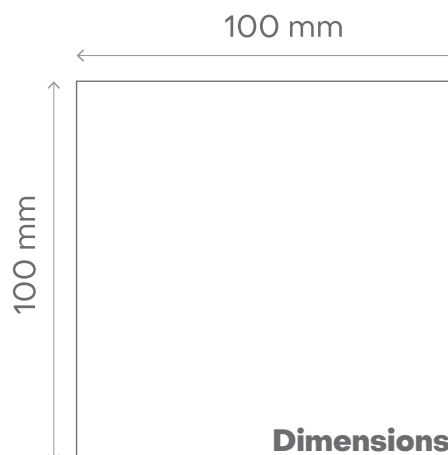
**Commercial Name:** Gorila By Flowco  
**Description:** SBR recycled pavements  
**Application:** floor coverings

## TECHNICAL CHARACTERISTICS

**Composition / Information about the components:**  
 SBR agglomerate of technical parts with different granulometry and one-component PU agglomerate, pressing, and temperature-controlled, without textiles and metals.

### Dimensions / Weight:

Fitness	Intensive Fitness	Crossfit
Thickness: 12 mm Weight: 11,20 Kg/ m <sup>2</sup>	Thickness: 15 mm Weight: 14,00 Kg/ m <sup>2</sup>	Thickness: 20 mm Weight: 18,65 Kg/ m <sup>2</sup>
Intensive Crossfit	Powerlifting	
Thickness: 25 mm Weight: 24,40 Kg/ m <sup>2</sup>	Thickness: 30 mm Weight: 28,00 Kg/ m <sup>2</sup>	



## OTHER TECHNICAL CHARACTERISTICS

### Dimensional Tolerance:

In the production control, a 1.5% dimensional contraction of the tiles is visible, after a 24 hours thermal stabilization (23°C).

### Color:

Standard colors according to the catalog. Specific colors are available on request.

### Cleaning:

Possibility to use disinfectant solutions for cleaning, hygiene, and disinfection.

### Special care:

Susceptible color changes on the surface when exposed to intense sunlight, not representing a degradation of its technical characteristics.

### Permeability:

Water permeable.

### Ignitability test according to EN ISO 11925-2: 2010-en (walls and floors):

Fall of inflamed particles or drops: No

Inflammation of the filter paper: No

### Determination of thermal conductivity according to EN ISO 11925-2:2010-en (walls and floors):

Results: 0.14-0.15 W / m°C

### Reaction to fire classification according to EN 13501-1: 2007+A1: 2009-en:

Reaction to fire classification (floors): B2 / EFL

### Determination of skid resistance by the pendulum method according to EN 13036-4:

Results:

Surface condition:

Normal: 68 PTV

Wet with water: 22 PTV

# PRODUCT DATASHEET

## OTHER TECHNICAL CHARACTERISTICS

Determination of Shore A Hardness according to ASTM D 2240 (2005):  
Result: 60 Shore A

Determination of resistance to chemicals according to ASTM F925 (2002):  
Results of visual observation and color measurement:  
Bleach: color change (yellowing)  
Acetic acid: nothing to report  
Sulfuric acid: nothing to report  
Hydrochloric acid: nothing to report  
Sodium hydroxide: nothing to report  
Isopropanol: nothing to report  
Ammonia: nothing to report

Shore A hardness results:  
After contact with bleach: 55 – 65 Shore A  
Contiguous to the contact surface: 60 Shore A

Determination of heat stability by color change according to ASTM F1514 (2003):  
Result: 4,1  $\Delta E^*ab$

Determination of abrasion resistance according to ASTM D3389 (2010):  
Mass loss / cycle result (mg): 0.824

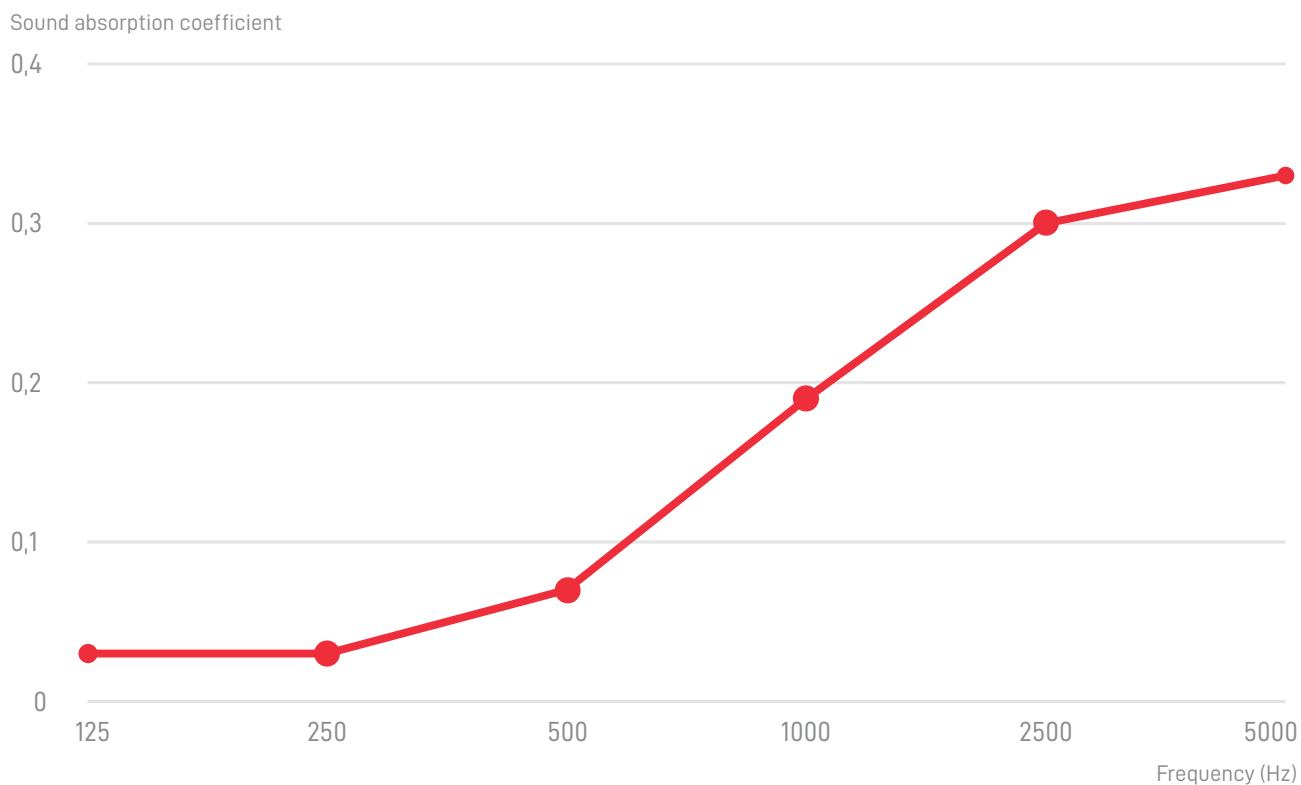
Impact absorption:  
These tiles are designed to absorb the impact of falls.

## OTHER TECHNICAL CHARACTERISTICS

### Sound absorption measurement according to EN ISO 354:


The table and graph below represent the values obtained from the Sound Absorption Coefficients calculated as a function of the Reverb Time per third-octave frequency bands from 125 Hz to 5000 Hz.

Frequency (Hz)	125	250	500	1000	2500	5000
Sound absorption coefficient	0,03	0,03	0,07	0,19	0,3	0,33



 [www.gorila.eco](http://www.gorila.eco)

 [info@gorila.eco](mailto:info@gorila.eco)

 Rua Arq. Lobão Vital 172  
4200-374 Porto

 [@gorila.eco](https://www.instagram.com/gorila.eco)

 [@gorila.eco](https://www.facebook.com/gorila.eco)

