

MAGNITUDO THE WEIGHTLIFTING PLATFORM

1 - Description

DoTile® Fit MAGNITUDO is the line of high-resistance **platforms for weightlifting**, made with DoTile® Fit technology and all the quality guaranteed from the 100% made in Italy. These products have been designed to define **strength and power sports workstations**.

DoTile® Fit MAGNITUDO is composed by a metal perimeter closed by adjustable corners and a high-resistance surface, designed to maximize the absorption of noise and vibration caused by the fall of weights to the ground, while preserving both the integrity of the underlying surface and the equipments, extending their lifespan.

In the platform versions made with multilayer surface, the **rebound control** has been **increased by 20%** in comparison to the best competitor products, this maximizes the safety of the training area users, avoiding possible trauma and microfractures in the hands and wrists.

2 - Materials

The surface of the DoTile® Fit MAGNITUDO platforms consists of high-resistance tiles. The versions equipped with multilayer surface have been realized thanks to tiles composed of two different kind of rubber granules, agglomerates in two layers through the use of a high-resistance polyurethanic adhesive. Some platform versions have also a wooden central section specifically designed for weightlifting, find more details in section 7 "Technical Specifications".

3 – Appearance

The surface is slightly porous thanks the use of fine rubber granules which allow to obtain a linear visual effect, while maintaining the high grip of the product.

4 - Features

Easy to transport, install and clean. Wear-resistant and maintenance-free. Thanks to its modular surface and adjustable corners the product is not subject to deformation. The surface has anti-slip feature and is always stable during the exercises.

5 – Installation

DoTile® Fit MAGNITUDO is very easy to install thanks to metal frame and the adjustable corners. It is recommended to install the platform placing all the surface before fixing the adjustable corners. For more details refer to the installation instructions available on the official website www.dotile.it.

6 – Cleaning and Maintenance

The product doesn't require special maintenance, it is possible to wash the surface with normal floor cleaners or sanitizing products. In case of contact with oil or other liquid substances, remove and clean promptly. Cleaning with soap and warm water allows to remove oily substances. The common cleaning methods are the use of a broom or vacuum cleaner to remove dust and dirt and the use of a wet cloth or a mop for the surface cleaning.

7 – Technical Data

AVAILABLE VERSIONS				PERFORMANCES			
Model	Dimensions (mm)	Central wooden section (mm)	Thickness (mm)	Minimum impact Area supported (cm ²)	Shock absorption of a weight falling from a stationary position (kg/cm ²)	Verified drop height (cm)	Nr. of verified impacts
AS1	2550 x 2050	no	30	≥ 2	≤ 45	≤ 80	2.000
AS2	2550 x 2550	no	30	≥ 2	≤ 45	≤ 80	2.000
AM1	3050 x 2550	no	30	≥ 2	≤ 45	≤ 80	2.000
AM2	3050 x 3050	no	30	≥ 2	≤ 45	≤ 80	2.000
BS1	2550 x 2050	no	30 multilayer	≥ 2	≤ 60	≤ 80	2.000
BS2	2550 x 2550	no	30 multilayer	≥ 2	≤ 60	≤ 80	2.000
BM1	3050 x 2550	no	30 multilayer	≥ 2	≤ 60	≤ 80	2.000
BM2	3050 x 3050	no	30 multilayer	≥ 2	≤ 60	≤ 80	2.000
WM1	3050 x 2550	1000 x 2500	30 multilayer	≥ 2	≤ 60	≤ 80	2.000

Appearance : platform composed by high-resistance modular surface, contained within an adjustable metal frame.

Density : from 980 Kg/m³ (single layer) to 1.200 Kg/m³ (multi-layer).

Bacterial immunity : resistant to mold and bacteria according to the norm UNI 11021:2002.

Cold resistance : -50°C. The product is stable under normal environmental conditions.

Heat resistance : +100°C. The product is stable under normal environmental conditions.

Tolerances : dimensional tolerance < 1% - presence of surface impurities < 0,1%.

Installation : refer to the installation sheet available on our official website www.dotile.it.

Chemicals resistance : alkali resistant, good resistance to acids.

Composition : rubber granule, glue without solvent.

Packing : details in the following sections.

1) DoTile[®] Fit MAGNITUDO AS1 (2550 x 2050):

- Packing:
 - 1 pallet 1050 x 1050 x 300 mm (190 Kg)
 - 1 package 2500 x 100 x 100 mm (20Kg)
- Metal Frame:
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 1970mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 20 High-resistance rubber tiles (dim.: 500 x 500 x 30mm)

2) DoTile[®] Fit MAGNITUDO AS2 (2550 x 2550):

- Packing:
 - 1 pallet 1050 x 1050 x 360 mm (220 Kg)
 - 1 package 2500 x 100 x 100 mm (20Kg)
- Metal Frame:
 - n. 4 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 25 High-resistance rubber tiles (dim.: 500 x 500 x 30mm)

3) DoTile[®] Fit MAGNITUDO AM1 (3050 x 2550):

- Packing:
 - 1 pallet 1050 x 1050 x 390 mm (255 kg)
 - 1 package 3000 x 100 x 100 mm (25Kg)
- Metal Frame:
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2970mm
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 30 High-resistance rubber tiles (dim.: 500 x 500 x 30mm)

4) DoTile[®] Fit MAGNITUDO **AM2 (3050 x 3050):**

- Packing:
 - 1 pallet 1050 x 1050 x 390 mm (300 kg)
 - 1 package 3000 x 100 x 100 mm (30Kg)
- Metal Frame:
 - n. 4 Squared section edges 30mm, spessore 2mm, lunghezza 2970mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 36 High-resistance rubber tiles (dim.: 500 x 500 x 30mm)

5) DoTile[®] Fit MAGNITUDO **BS1 (2550 x 2050):**

- Packing:
 - 1 pallet 1050 x 1050 x 300 mm (200 Kg)
 - 1 package 2500 x 100 x 100 mm (20Kg)
- Metal Frame:
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 1970mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 20 High-resistance multilayer rubber tiles (dim.: 500 x 500 x 30mm)

6) DoTile[®] Fit MAGNITUDO **BS2 (2550 x 2550):**

- Packing:
 - 1 pallet 1050 x 1050 x 360 mm (230 Kg)
 - 1 package 2500 x 100 x 100 mm (20Kg)
- Metal Frame:
 - n. 4 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 25 High-resistance multilayer rubber tiles (dim.: 500 x 500 x 30mm)

7) DoTile[®] Fit MAGNITUDO **BM1 (3050 x 2550):**

- Packing:
 - 1 pallet 1050 x 1050 x 390 mm (265 kg)
 - 1 package 3000 x 100 x 100 mm (25Kg)
- Metal Frame:
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2970mm
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 30 High-resistance multilayer rubber tiles (dim.: 500 x 500 x 30mm)

8) DoTile[®] Fit MAGNITUDO **BM2 (3050 x 3050):**

- Packing:
 - 1 pallet 1050 x 1050 x 390 mm (310 kg)
 - 1 package 3000 x 100 x 100 mm (30Kg)
- Metal Frame:
 - n. 4 Squared section edges 30mm, spessore 2mm, lunghezza 2970mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 32 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 32 Flat washers
- Surface:
 - n. 36 High-resistance multilayer rubber tiles (dim.: 500 x 500 x 30mm)



9) DoTile[®] Fit MAGNITUDO WM1 – con sezione lignea centrale (3050 x 2550):

- Packing:
 - 1 pallet 2550 x 1050 x 600 mm (300 kg)
 - 1package 3000 x 100 x 100 mm (25Kg)
- Metal Frame:
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2970mm
 - n. 2 Squared section edges 30mm, spessore 2mm, lunghezza 2470mm
 - n. 4 Adjustable Corners 150mm x 150mm
 - n. 4 Placche bloccanti
 - n. 40 Screws TPS EI 5x15 (closing with 3mm hex key)
 - n. 40 Flat washers
- Surface:
 - n. 20 High-resistance multilayer rubber tiles (dim.: 500 x 500 x 30mm)
 - Sezione lignea centrale (dim.: 1000 x 2500 x 30mm)



The products and their features are subject to periodic updates and revisions.

Metem S.r.l. reserves the right to modify at all times the characteristics described in this document.

The latest version of the technical sheet is always available on the website www.dotile.it

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