

# MUGA, 8 x 14m

FRE601801



|                                    |                 |
|------------------------------------|-----------------|
| Item no. FRE601801-0501            |                 |
| <b>General Product Information</b> |                 |
| Dimensions LxWxH                   | 1361x770x103 cm |
| Age group                          | 3+              |
| Play capacity (users)              | -               |
| Colour options                     |                 |

The distance between the vertical tubes is small enough to keep small balls such as field hockey balls inside the pitch at all times. By embedding the tubes into the steel frame, we have created an extremely vandalism proof structure that can be placed in any community. This transparent design makes it easy to follow the game for spectators. All panels are

connected to the posts with plugs made from Thermoplastic Vulcanizates. The plugs reduce the vibration in the MUGA & provide an easy installation.



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The Ø21.3 mm x 2 mm tubes are embedded in the steel panel which avoids cracks and prevents the tubes from protruding out of the steel frame; making it a robust and vandalism proof solution.



All steel components are manufactured from high-quality carbon steel and are hot-dip galvanised (HDG).



The posts are made of 80 x 80 x 3mm profile with horizontally, 6mm welded flanges. This will enable easy installation and strong construction. The low-density polyethylene post caps are attached with blind rivets.

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### Installation Information

|                          |                          |
|--------------------------|--------------------------|
| Max. fall height         | 0 cm                     |
| Safety surfacing area    | 0.0 m <sup>2</sup>       |
| Total installation time  | 13.7                     |
| Excavation volume        | 1.06 m <sup>3</sup>      |
| Concrete volume          | 0.87 m <sup>3</sup>      |
| Footing depth (standard) | 85 cm                    |
| Shipment weight          | 885 kg                   |
| Anchoring options        | In-ground ✓<br>Surface ✓ |

### Warranty Information

|                       |          |
|-----------------------|----------|
| EcoCore HDPE          | Lifetime |
| HDG Post              | Lifetime |
| Spare Parts Guarantee | 10 years |



Each panel has 4 Thermoplastic Vulcanizates plugs connecting the panels to the posts. The plugs reduce the vibration and therefore reduce the noise level. The plugs will also simplify installation as they come with pre-assembled nuts.



KOMPAN's Multi Use Games Areas (MUGA) have been designed as a flexible system that can be configured to suit site requirements and budget considerations. You can easily change size, height, panels, entrances and goals.



The Mini goals are 147 x 90cm and the distance between the vertical Ø 21.3mm tubes is 68mm, small enough to keep all balls in play. The goal is framed with coloured HDPE strips to highlight the target.



# Sustainability Data

FRE601801



| Cradle to Gate A1-A3  | Total CO <sub>2</sub> emission | CO <sub>2</sub> e/kg    | Recycled materials |
|-----------------------|--------------------------------|-------------------------|--------------------|
|                       | kg CO <sub>2</sub> e           | kg CO <sub>2</sub> e/kg | %                  |
| <b>FRE601801-0501</b> | 2,139.39                       | 2.56                    | 50.21              |

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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## Verification of CO<sub>2</sub> calculation of: Sport



Data version no. 2023-10-05

The CO<sub>2</sub> calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Sport" represented by item no.: FRE600202-0901.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

**Date: 30. October 2023 | Valid until: 30. October 2025**

Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO<sub>2</sub> calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

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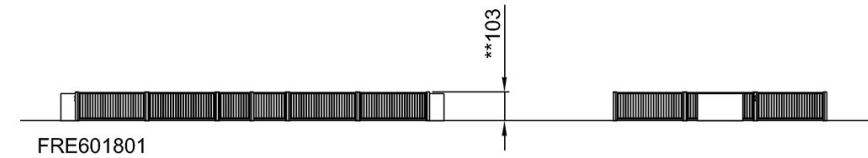
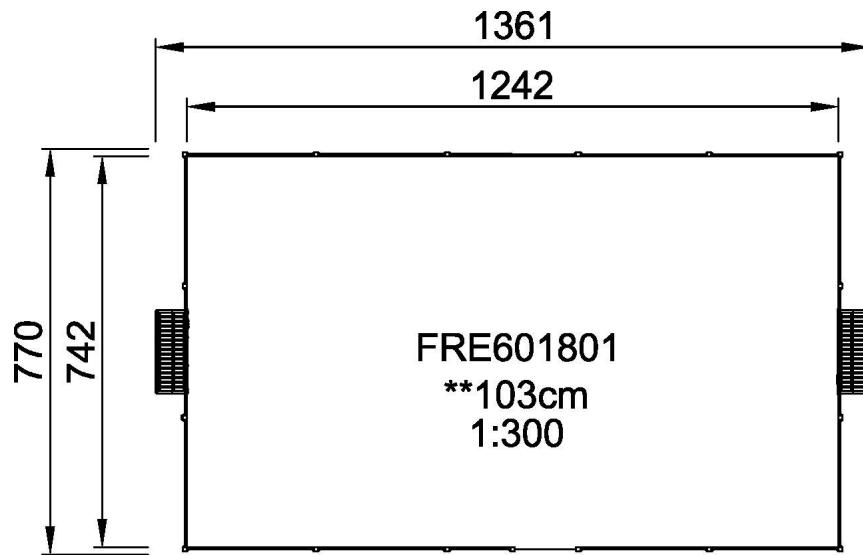


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



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