

MUSA, 43 x 85 ft, WPC, 3 ft Walls

FRE600803

KOMPAN
Let's play



Item no. FRE600803-0902	
General Product Information	
Dimensions LxWxH	2613x1323x369 cm
Age group	3+
Play capacity (users)	-
Colour options	

Wood Plastic Composite (WPC) has the same texture and looks as wood, is maintenance-free and environmentally friendly. WPC fits perfectly into a natural environment. The fully flat inside gives the best bounce experience when playing. The flat wall becomes a part of the game and adds a new dimension to it, a dimension that can challenge and develop

players' tactical vision of the game. The 9'10" x 6'7" Multi Goal follows the goal size of FIFA Futsal and IHF Handball regulations. The basketball hoop is placed at the official NBA height of 10 feet, and has the official NBA size of 18 inches in diameter.



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The Wood Plastic Composite panels are made of 100% recycled fibre/wood powder and High Density Poly Ethylene (HDPE). With the dimensions of 860 x 110 x 30mm the boards are extremely strong.



The hinges on the entrance gate are 16mm and made of Stainless Steel, the handle can be accessed from both inside and outside of the pitch but is constructed in such a way that it remains fully flat on the inside of the MUGA.



The posts are made of 80 x 80 x 3mm profile with horizontally, 6mm welded flanges. This will enable an 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 ²
Total installation time	50,4
Excavation volume	2,13 m ³
Concrete volume	1,42 m ³
Footing depth (standard)	85 cm
Shipment weight	3.427 kg
Anchoring options	In-ground ✓ Surface ✓
Warranty Information	
HDG post	Lifetime
EcoCore HDPE	Lifetime
Spare parts guaranteed	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.



The wheelchair entrance is constructed of 80 x 80 x 3mm post with Ø 48mm tube and 2 stainless steel 16mm hinges. The opening is 95cm wide and 112cm long, this will allow people in a wheelchair to enter the MUGA but stops mopeds and motors.



The WPC boards are attached to 70 x 45 x 3mm welded flanges with stainless steel M8 bolts, nuts and washers. These connections are not visible from the inside and create a strong and safe connection.



Cradle to Gate A1-A3	Total CO ₂ emission	CO ₂ e/kg	Recycled materials
	kg CO ₂ e	kg CO ₂ e/kg	%
FRE600803-0902	5.457,40	1,83	59,50

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))

Kompan A/S
 C.F. Tietgens Boulevard 32C
 DK-5220 Odense SØ
 Denmark



Validation of CO₂ calculation of: Sport



Data version no. 2021-09-27

The CO₂ 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: 15. October 2021 | Valid until: 15. October 2023

Validated by:

Bente Hviid, Senior Consultant

Peter Bendtsen, Senior Consultant

Validation based on report: Validation of CO₂ calculation of 8 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Bente Hviid and Peter Bendtsen.

Publication date: 15. October 2021

By Bureau Veritas HSE
 www.bureauveritas.dk
 +45 7731 1000

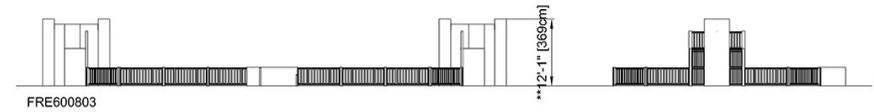
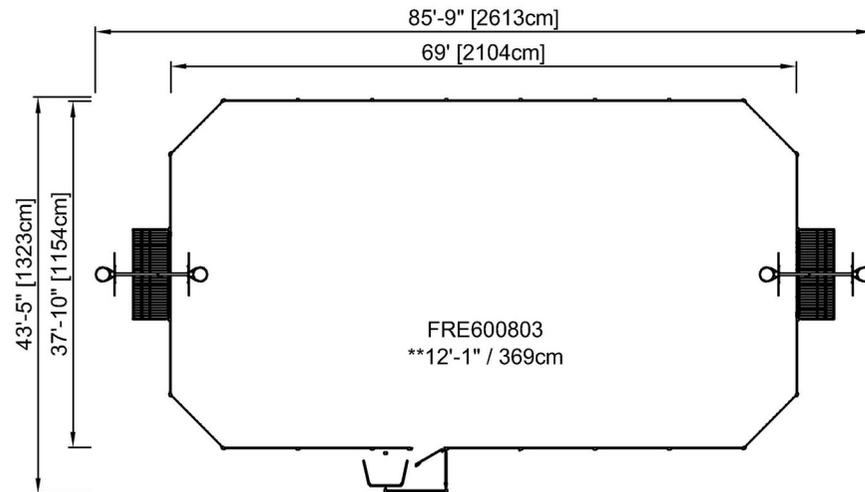


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* Max fall height | ** Total height | *** Safety surfacing area

* Max fall height | ** Total height



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