OPEN MOUV'ROC XL UNIVERSAL END FACADE





OPEN MOUV'ROC XL

Ref. 09 415 02 03

16 simultaneous users 102 exercises

≥ Presentation

Open Mouv'roc has been designed as an open fitness room to offer sportsmen, experts or beginners, juniors or seniors, a free access sheltered space to do muscle strengthening or stretching exercises.

It offers a variety of apparatuses for a complete exercise programm: the indoor apparatuses allow 12 people to practice physical activity simultaneously and in one place.

4 additional users can perform their exercises on the outside wall. Open Mouv'roc is also suitable for people with reduced mobility. It is a real place of relaxation which encourages intergenerational exchanges.

The apparatuses of Open Mouv'Roc are fixed, the user works safely with all or part of his body weight. Pictograms with QR codes indicate to the user the exercises indictated for each apparatus. Mouv'roc Open is compact and adapts perfectly to the constraints of dense outdoor spaces.

▶ Description

Open Mouv'roc is made up of a structure and end facade, on which the apparatuses are fixed on both sides and of a roof. It can be fitted with 8 apparatuses and one combo allowing 16 simultaneous users to do up to 102 exercises. Its large roof, supported by poles, allows the practice of physical activities in any weather.

ROOF COMPOSITION:

- 2 longitudinal cross bars, IPE 120 in galvanized steel
- 4 cross bars, IPE 80 in galvanized steel
- 4 braces, 50x50, in galvanized steel
- 1 galvanized steel gutter
- 6 peripheral covers (strips) in zinc and powder coated steel, 2 mm thick
- 8 x 13 mm thick HPL panels covering the cross bars. The watertightness is ensured by polyurethane seals

The assembly is supported by two zinc and powder coated steel posts, fitted with a cover to access the sealing hole inside the post.



FACADE COMPOSITION:

- 2 zinc and powder coated steel posts
- 1 intermediate post in galvanized steel
- 10 x 3mm thick cross bars in galvanized steel
- 8 large format HPL panels, 13 mm thick, fixed onto the galvanized steel crosspieces
- 8 small format HPL panels 13 mm thick, fixed onto the galvanized steel crosspieces





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COMPOSITION OF THE APPARATUSES

The apparatuses are fixed on the facade. These apparatuses are fixed. Their ergonomics have been designed to offer an optimal working position for any adolescent or adult from 1.40 m.

Apparatus shown: Vertical bars & cleats, vertical push-ups, wall bars, roman chairs, lumbar roller, sit-up bench.

The apparatuses and the satellites are in galvanized steel. The diameter of the steel tubes that make up the apparatus is between 27 and 50 mm. The handles of the roman chair, the wall bars and the horizontal board are covered with soft black rubber for better comfort. The horizontal and inclined boards are made of HDPE (High Density Polyethylene).

Near each appartus, a sign indicating the associated exercises in 3 mm thick is fixed (in Dibond aluminum).

Open Mouv'roc complies with European standard NF EN 16630: 2015, specifying the general requirements for security, control, maintenance and test methods relating to physical training modules.

INSTALLATION:

Maximum surface of the concrete slab: 68 sgm²



HPL is a compact outdoor facing material made by stacking sheets of paper impregnated with reinforced thermo resins, compacted at high pressure (10 MPa) at a temperature of 160°C. An acrylic film provides extra protection from ultraviolet light.



PROPERTIES:

Weatherproof Dimensional stability Resistant to ultraviolet light



2 | GALVANIZED STEEL

These items are treated by hot galvanization and coated with kilnfired polyester powder.



Protection against corrosion Resistant to impact and friction



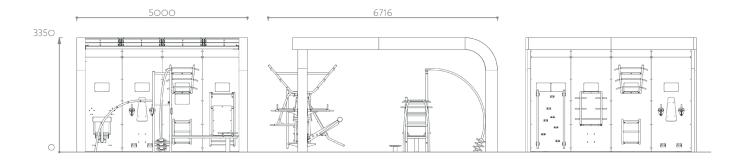
The steel components are zinccoated then treated with our Powder Blast process (after cleaning and shot-blasting, the parts are coated with an initial layer of epoxy powder and a second layer of polyester powder) to provide rust-proofing and



PROPERTIES:

Protection against corrosion

▶ Dimensions





Colours

Colours of the model shown: Metallic structure: Signal yellow Ral 1003

HPL panels: Pastel grey | Agate grey Ral 7038

Steel parts: Colours to be selected within the RAL tints.

HPL-Panels: Colours to be selected within the FUNDERMAX tints.



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