



## Technical description for specification 1MOVE membrane trampolines

1. For safety reasons, one playground trampoline is designed for one user only. Child or adult.
2. Trampoline is installed in the ground and its upper surface is at the ground level. This reduces the risk of falling.
3. Springs covered by a fixed cover to prevent unauthorized adjustments.
4. The structure is made of galvanized sheet thickness 1.5 mm.
5. Top cover is supported by vertical supports made of galvanized sheet
6. All sheet metal cut out on CNC numerically controlled machines to protect against galvanizing corrosion.
7. Top cover is coated with 25 to 30 mm EPDM safety surface to protect users during falls injuries.
8. 7,8 mm thick, reinforced EPDM rubber membrane. Made of a material resistant to oil, UV radiation, tearing, and ozone. Equipped with drainage holes. REACH certified. The metal elements of the membrane suspension are made of stainless steel.
9. Galvanized high durable springs: 167 mm in length and 24 mm diameter, and made of wire with a diameter of min. 3.2 mm. The strength of each spring is over 550 N. Specially designed springs have increased durability while retaining adequate flexibility. It is strong and resilient at the same time. Our 16.5 cm long springs provide better tensile strength (stretch without loss of elasticity up to 26 cm).
10. Springs mounted on a 3 mm thick steel C-profile.
11. Minimum 15 springs per 1 current meter of jumping bed.
12. Modular and symmetrical trampoline construction allows transportation in minimum 4 elements. Assembling a trampoline is child's play, as the trampoline elements are symmetrical on four sides. You can not go wrong.
13. The devices are made in accordance with the PN-EN 1176-1: 2017 standard, confirmed by a valid certificate.
14. Cleaning the surface under the trampolines can take place after removing the jumping bed with a spring hook.