



# Diabolo

(caractéristiques techniques)

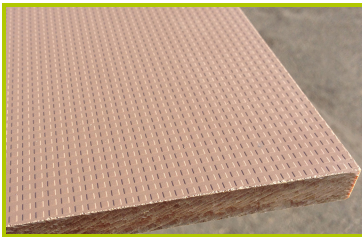
J38109-HDPE



- 1- The recycled plastic posts** (Ø125mm or 95x95cm) are produced using post-consumer waste, mainly recycled food and drinks containers (polyethylene, aluminium). This environmental impact reducing material is an inert and robust compound which is hard-wearing, resistant to UV light and fluctuations in temperature, and able to retain its shape over time. It is also rot-proof, making it a reliable option for outdoor applications. The caps are made of injection moulded polyamide.



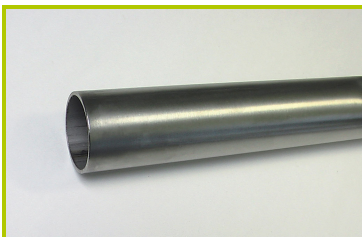
- 2- The coloured panels**, which are 19 mm thick, are mostly if not completely (80% to 100%) made up of recycled post-consumer and industrial production waste. HDPE is known for its high tensile strength and resistance to temperature fluctuations and chemicals, making it an ideal material for ensuring the durability and robustness of assemblies. Its UV and weather resistance make it especially well-suited for outdoor use, requiring no special maintenance.



- 3- The platform and the climbing wall** are made from a 12.5mm thick textured and non-slip compact material (HPL).



- 4- The roof** is made of 10mm thick polyethylene plates.



- 5- The tubes** are made of 40mm diameter stainless steel, guaranteeing lasting durability and reliability of the equipment.



- 6- Injection moulded polyamide fixings** connect the posts with the platforms and the various play features. They are non-toxic, flameproof and U.V. resistant. The thickness of the polyamide makes the equipment both strong and vandal resistant.



**7- The 16mm diameter ropes** are made of galvanised steel cable covered with polyester. The cables are linked together and held in place by injected polyamide spheres.



**8- The steps of the catwalk** are made with a non-slip rubber overmould.



**9- The sliding surfaces** are made of 2mm thick stainless steel, which is shaped, bent and rolled from one piece.



**10-The climbing holds** are made of polypropylene. They are non-toxic, inflammable and shock and UV resistant.



**11-Plastic parts** are made of injected polyamide.



**12-The abacus spheres** are made of polycarbonate sheets.



**13-The fixings** are made of stainless or plated steel and protected by anti-vandalism polyamide caps.