



REPUBLIKA E SHQIPËRISË

FIER MUNICIPALITY

TECHNICAL SPECIFICATIONS

Object: Rehabilitation of sports fields in school yards (5 cm synthetic grass for the rehabilitation of sports fields)



The item "5cm synthetic grass will be installed on all sports fields described in the report. This item includes synthetic grass, rubber sand, adhesive, adhesive membrane.

- **Synthetic grass**

Synthetic grass should have a density of 10,000 stitches/m² or higher. This density helps the threads stay straight and withstand frequent wear. Synthetic grass should have a pattern adapted to the size of the sports field and the function of each field. This work volume is measured in m².

- **Rubber sand**

The synthetic grass will be filled with rubber sand up to a height of 5cm. The rubber sand should have a density of 3-5mm in the first 3cm and a density of 1mm in the remaining 2cm of the grass.

- **Adhesion of the membrane to the grass**

To have a connection that does not open over time, specific adhesives are used: DW Synthetic Eco 220 or equivalent: A solvent-free, highly flexible and resistant polyurethane adhesive.

- **membranes**

Plain Tape (Geotextile): This is a white fabric membrane, usually 200mm to 300mm wide. It has no adhesive itself, but serves as a base on which the liquid adhesive is applied.

- The synthetic grass carpet will also cover the horizontal circular profile that connects the metal columns at the 0.00 level of each field.

Working group:

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