

Sports fields in Katowice/Poland made of SIMONA® PE FOAM



Top: volleyball pitch in use. Bottom left: preparation for mounting barriers.
Bottom right: completed application.

The creation of new pitches for beach volleyball and football was at the top of the list when it came to expanding the range of leisure facilities on offer at BUGLA Aqua Park. The challenge consisted of incorporating the fields within the developed segment of the facility, while separating them from the green areas and five swimming pools. In order to accomplish this goal, TRANSCOM, the company overseeing the project, used SIMONA® PE FOAM sheets.

Project at a glance

Project

The project involved the creation of sports pitches for beach volleyball and football at BUGLA Aqua Park in Katowice commissioned by MOSiR Katowice.

Dimensions of the pitch

■ 60 x 33 meters

Requirements

Sheets used for sports fields had to fulfil the following requirements:

- UV-stabilised
- Light weight and high rigidity
- Resistant to mechanical and environmental factors
- Very easy to process

Manufacturer

TRANSCOM Sp. z o.o., Poland

Technical consultancy

SIMONA POLSKA Sp. z o.o.

Products used

- SIMONA® PE FOAM,
2000 x 1200 x 10 mm, 110 sheets

Duration of project

May – June 2010



From right to left: construction completed, SIMONA® PE FOAM, application consisted of 110 sheets.

Light weight, high rigidity – SIMONA® PE FOAM

Initial situation

The main investor MOSiR Katowice was planning to build new sports pitches at BUGLA Aqua Park in Katowice. Having considered the short time allotted to the completion of this project, the contractor opted for SIMONA® PE FOAM sheets. Within this context, simple processing and assembly proved a key advantage when it came to meeting the challenging deadline.

Task

The investor had highly exacting standards for the material from which the barriers were to be made. Various types of sheet were assessed, but only SIMONA® PE FOAM met the full range of expectations. The sheets used to build the sports fields had to fulfil the following requirements:

- UV-stabilised
- Light weight and high rigidity
- Resistance to mechanical and environmental factors
- Very easy to process

Solution

SIMONA® PE FOAM sheets were used to separate the sand on the surface of the sports fields from the surrounding green areas, the main purpose being to reduce the spread of loose soil. To achieve this, the main contractor, TRANSCOM, mounted SIMONA® PE FOAM sheets on a steel construction. The sheets were drilled and subsequently screwed onto galvanized racks. Due to the high quality of SIMONA® PE FOAM sheets, the perimeter boards were installed quickly and effectively, without the need for additional structures.

Owing to their special properties, SIMONA® PE FOAM sheets are the perfect solution for a wide range of projects. What is more, combining UV stability with high rigidity, SIMONA® PE FOAM sheets are ideally suited to outdoor applications. Their lightweight design makes them particularly easy to handle and quick to install.

SIMONA® PE FOAM

Properties

- Very easy to process
- Excellent surface quality
- High flexural strength
- Corrosion-free
- Easy to clean
- UV-stabilised
- Printable after pre-treatment

Fields of application

- Banner material
- Boatbuilding (partitions, bulkheads, control desks, etc.)
- Toilet containers, toilet walls and toilet doors
- Partitions in agriculture and livestock farming

Range of products

- Extruded sheets in thicknesses 6, 8 and 10 mm

Further information

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