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.
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.

Further information

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