

General Information

DEVI company:
DEVI Austria GmbH

DEVI contact person:
Markus Engl

Project name and place:
Stadion Lugano, Switzerland

Purpose of the DEVI system:
Snow melting system on the roof of a stand in the stadium of Lugano.

State of the existing roof was not good enough to withstand the weight of snow in case of heavy snow fall. The solution was to fix a heating cable system on the roof. The roof was covered by a special plastic layer so it was not possible to fix the cables directly. Therefore we fixed a metal grid on the concrete segments and the cable on the grid.

Project size:
The roof was split into 11 segments with 14,2 m 4,05 m, in total 632 m².
We installed 6000 m heating cable with a total power output of 150 kW.

Products:

- Type of cable/mat: heating cable DSVG
- Type of regulation: Devireg™ 850 for roof application

Commencement:
August 2004

Completion:
October 2004

Decision makers

Consultant:
Giuliani SA, Mendrisio

Comments/Experience/Feedback:
Together with our partner Roberto Giuliani we designed the total heating system. It was required to have 3 heating sections to switch it on and off depending on the snow volume and depending on the angle of the roof. We delivered also the electrical distribution box including all necessary fuses, switches etc. It was very important to have a very good communication between our technician Mr. Engl, our partner Giuliani and the local decision makers.

Comments on photos:

On the overview picture you can see the smaller existing stand with roof heating system and opposite a larger new stand.

On the detailed pictures you can see the metal grid fixed with metal stripes on the concrete and the heating cable fixed on the grid.

