

HOBAS® Twins at International Airport Sarajevo

With no less than 500,000 passengers per year, International Airport Sarajevo (IAS) is the most important airport in Bosnia & Herzegovina. Since the airfield was modernized and enlarged, the existing DN 800 concrete drainage system, which had been built in 1965, no longer met the set requirements and needs. The IAS management therefore initiated the reconstruction of the airport drainage system setting highest demands on security. The tendering terms for suitable piping material stipulated tight quality demands in accordance with EU airport standards. HOBAS CC-GRP Pipe Systems meet all of these. They show an optimal hydraulic performance, they are able to bear high static and dynamic loads, are highly corrosion and abrasion resistant, ensure easy handling due to the products' light weight and have a long operational lifetime.

These characteristics and the fact that several Airport drainage projects in the past such as Berlin Schönefeld, Schiphol Airport in Amsterdam, Airport Munich, to name just a few, have been implemented successfully with HOBAS Products convinced the client.

The drainage system was realized in several phases and with a HOBAS CC-GRP SewerLine System DN 1200, PN 1, SN 10000. Two paralleling 594 m long lines were installed and included 16 HOBAS CC-GRP tangential shafts and two DN 1200 bends.

Year of Construction

2008

Length of Pipe

1.2 km

Pressure Class

PN 1

Stiffness Class

SN 5000

Diameter

DN 1200

Installation Method

open cut

Application

SewerLine®

Client

International Airport Sarajevo

Contractor

Mibral

Hobas Sales Reps.

Fedor Draušnik,

Pejo Krištic,

Eldin Telacevic

Advantages

long lifetime, corrosion & abrasion resistance, hydraulic properties, withstands high static & dynamic loads, light weight



The first pipes produced by HOBAS Pipe Austria were installed in March 2008. They were easily aligned and connected despite a high level of ground water and the open trench was consequently covered with gravel sized 4 – 16 mm. The line lies in some places only 50 cm below the surface which is possible thanks to the stability of HOBAS CC-GRP Pipes and their ability to withstand high static and dynamic loads.

Due to the easy handling of HOBAS CC-GRP pipes, the installation could be finalized two months before the project's deadline. The technical support provided by HOBAS Bosnia & Herzegovina concerning the design and installation of tangential shafts and pipelines as well as the final inspection impressed the client. And the IAS drainage project once more illustrates the expertise of HOBAS as reliable and professional partner for airport projects.

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