PROJECT PDF

Willemen Groep
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Runway 11-29 ILA Antwerp Airport - Deurne

Project Details

Activities
Road construction
General roadworks
Asphalt works
(Air)port works

Contractors
Willemen Infra

location
Luchthavenlei
2100 Deurne Belgium
Antwerpen BE

Client
LOM Vlaanderen

Price
€8.000.000

Temporary partnership
Willemen Infra, Aertssen Group

Construction period
2 months

Start work
08-2022

End of work
10-2022

Willemen Infra, together with Aertssen Group - commissioned by the Airport Development Company (LOM) - provided a complete renovation of the runway of the airport in Deurne. New sewers and drainage were also provided. As the airport has only one runway, the renovation had to be carried out in a very short period of time.

Between 19 September and 25 October, the Deurne airport was closed for major infrastructure works. The runway had not had structural maintenance for over 40 years. A thorough renovation was needed to ensure the safety of air traffic in the future. In addition, the difference in height at the transition between the runway and the runway strip was also eliminated. The old asphalt was scraped off and sewers, concealed gutters and cabling were removed. Following this, reconstruction work was then immediately started.

First, the old asphalt pavement was milled and then 25 cranes went to work breaking open the existing sewers. The runway received at least 1 to locally 3 new sub-layers of asphalt. In it, the secondary lighting of the runway wiring was cut in. The new top layer of the 45m-wide track had to be asphalted in one go and without seams. We drove six finishers in a row to achieve this. The composition of the 27,000 tonnes of asphalt needed for the renovation, produced in three of our asphalt plants, had to be identical. This is certainly not an everyday operation.

In addition, the track also received stormwater drainage from

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concealed gutters and sewers directing rainwater to a buffer basin. No less than 4.5 km of sewers and 3 km of concealed gutters were processed for this purpose.

Finally, the light beacons were installed, 415 energy-efficient lamps were fitted and the markings were applied to the pavement. Via a test flight, the renovated runway was flown in. The works will extend the life of the runway by 20 years.

Willemen Infra

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Willemen Infra is a leading, Belgian road construction company with a regional presence in both Flanders and Wallonia. An important asset is that we have all aspects of the construction process under our own management and thus fully control the execution. Moreover, our team of 1,000 well-trained and experienced employees are willing to work at night and over the weekend to make sure they get everything done in time. In addition, thanks to our own COPRO and CSC-certified production and recycling sites, we are one of the leading producers for asphalt and road concrete.