

Amsterdam Airport Schiphol (Netherlands)



Project description

Amsterdam Airport Schiphol (AMS) is the international passenger airport of the Dutch capital city Amsterdam. With the first airplane landing there in 1916, the airport has been classified as the oldest international airport with a never changing location.

The airport is located 10 km south of the city centre in the Schiphol suburbs and has been awarded as Europe's fourth biggest airport, accommodating approximately 55 million passengers in 2014 (after London Heathrow, UK, Paris-Charles-de-Gaulle, FR, and Frankfurt on the Main, DE).

Up to 2003, a variety of expansion projects were implemented on a surrounding area of around 2,787 ha. These projects comprised a new terminal with three halls and eight piers as well as six start and landing runways.

Location of Amsterdam Airport Schiphol



mageba scope

Due to water leak, the joints on the ramp and access road to the departure hall had to be replaced. mageba installed its 100 % watertight flexible plug expansion joint POLYFLEX®ADVANCED PU, type PA30, that assures a movement capacity of +20/–10 mm.

In order to allow arriving passengers to comfortable move their baggage, mat joints TENSA®MAT have been chosen. This specific joint construction forms a closed, compact and integrated surface with the mat hence allowing passenger's baggage such as cases and trolleys being moved without any blockages. A further advantage of this specific joint is the considerable waste reduction as no foreign substances can be accumulated in the joint range.

View of a mat joint TENSA®MAT with crossover



Highlights & facts

mageba products:

Product: POLYFLEX®ADVANCED PU flexible plug joints type PA30
TENSA®MAT mat joints

Features: Flexible plug joints with movements of +20/–10 mm
Mat joints with movements of up to 160 mm

Installation: 2013

Structure:

Location: Amsterdam
Country: Netherlands
Opening: 1916
Owner: Schiphol Group
Contractor: Heijmans NV
Architects: Benthem Crouwel Architects

A car crossing the installed flexible plug joint POLYFLEX®ADVANCED PU

