

# Pilatus Aircraft Ltd (Switzerland)



## Project description

Pilatus Flugzeugwerke AG, which was founded in 1939, is the only Swiss company that has been developing, building and selling aircraft successfully all over the World.

The company in Stans has decided to expand and modernise its facility where the surface treatment of aircraft is carried out.

The building's foundation, which was built by using reinforced concrete, has to be divided with an expansion joint on several locations, separating the workshop into two halls.

The most important requirements that the joint has to meet are high load capacity, accommodation of vertical and horizontal movements and long-term reliability.

## mageba scope

In order to meet the projects needs mageba delivered a MIGUTRANS FS 255 expansion joint.

Due to the demanding requirements, such as the high resilience for solid plastic tyres and large horizontal joint movements in three directions, this joint was the perfect choice for the project.

Additionally, thanks to its gap-free, symmetrical surface, this solid metal joint is maintenance-free.

## Highlights & Facts

### mageba Products:

Type: MIGUTRANS of type FS 255 expansion joint  
Installation: 2017

### Structure:

City: Stans  
Country: Switzerland  
Type: Reinforced concrete construction  
Built: 2017  
Owner: Pilatus Aircraft Ltd.  
Engineer: Emch + Berger WSB AG

The factory of Pilatus AG is located in Stans



MIGUTRANS heavy-duty joint laid in a mortar bed



Laying and docking of a joint section

