

# A1 Motorway Bridges, Pyrzowice (Poland)



## Project description

Autostrada A1, the Polish part of European route E75, stretches the length of Poland from the northern Baltic coast to the Czech border in the south with a length of 568 km. The motorway was newly constructed or re-constructed along its entire length in recent years, and mageba played a part in the construction of many of its bridges.

The section between the towns of Pyrzowice and Piekary Śląskie in southern Poland contains many bridges, a number of which were constructed using mageba products.

## mageba scope

mageba supplied a large number of TENSA®MODULAR expansion joints for the construction of the bridges on this motorway. These included 16 large joints with eight movement gaps or more.

The expansion joints, of types LR8-LS and LR9-LS, feature noise-reducing surface plates ("sinus plates"). They also feature ROBO®MUTE noise-reducing mats underneath, to minimise the noise escaping from beneath the joints during the passage of traffic. And to minimise impacts and noise also in the future, each joint features ROBO®DUR asphalt-reinforcing ribs at each side.

## Highlights & facts

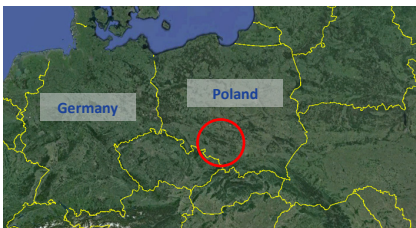
### mageba products:

Type: TENSA®MODULAR joints (types LR9-LS, LR8-LS)  
Features: Noise-reducing surface; ROBO®MUTE noise-reducing mats; ROBO®DUR asphalt-reinforcing ribs  
Installation: 2011

### Structures:

Country: Poland  
Type: Highway bridges  
Located on: A1 motorway  
Completed: 2011

The bridges are on the A1 motorway between Pyrzowice and Piekary Śląskie, southern Poland



Preparation of a TENSA®MODULAR type LR9-LS joint (with "sinus plates") for transport to site



An installed TENSA®MODULAR joint viewed from below, with part of ROBO®MUTE at end

