

Črni Kal Brücke (Slovenia)



Project description

According to the Slovenian Government, represented by the Slovenian Motorway Association DARS, the Črni Kal viaduct, located between the Slovenian capital Ljubljana and Koper, is a landmark bridge. With a span of up to 140m at the maximum height of 87.50m, it is the biggest structure in Slovenia.

In 2004, the Klanec-Črni Kal section was opened to traffic. Two separate lane structures carry the traffic over the bridge, which rests on eleven pillars and has a length of 1'065m. It was a design priority to give the pillars a very aesthetic form.

The construction project was implemented in order to minimize numerous traffic jams which occurred mostly during the summer months.

Delivered products

mageba provided a total of four LR9 modular expansion joints for the Črni Kal bridge. The joints have a maximum movement capacity of 720mm and were produced according to the Austrian government approval (RVS 15.45).

In order to satisfy the high aesthetic requirements, the joint is equipped with a "waterproof fascia design", with the joint forming also the bridge parapet. Therefore, no cover plates had to be used in the footpath area.

Highlights & facts

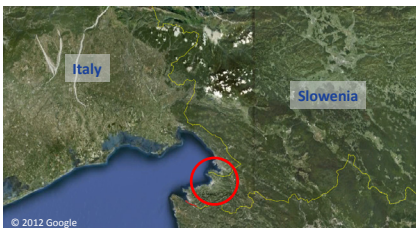
mageba-products:

Type:	TENSA®MODULAR expansion joint type LR9
Features:	max. movement 720 mm
Installed:	2003

Bridge:

City:	Gabrovica
Country:	Slovenia
Built:	2001-2005
Type:	Box girder bridge
Length:	1'065 m
Builder:	DARS

The Črni Kal bridge is an important link between Ljubljana and Koper



Mystical atmosphere during construction of the bridge



Installation of mageba LR9 expansion joints

