

Seogang Bridge (South Korea)



Project description

Seogang Bridge is a bridge over the Han River in Seoul, South Korea. The bridge links the Mapo and Yeouido districts, and is therefore one of the key bridges in Seoul – a city with a population of ~15 mio!

Seogang Bridge is supported in the middle as it passes over the island of Bamseom and was built in 1997. The total length of the bridge is 1,320 m, and its longest width is 29 m.

With its arch-shaped structure, the bridge creates a beautiful urban landscape in Seoul city.

Delivered products

mageba TENSA®MODULAR expansion joints with various movement capacity of 160 mm, 240 mm, 320 mm, 400 mm each were chosen due to its elastic control system. It ensures kinematic behavior and prevents damage from constraint forces which could occur at Seogang Bridge.

Installed modular expansion joints at Seogang Bridge can accommodate movements in every direction and rotations about every axis and this ensures safety of driver and pedestrian.

In addition to TENSA®MODULAR expansion joints, mageba delivered TENSA®GRIP RS with movement capacity of 100 mm.

Highlights & Facts

mageba Products:

Type: TENSA®MODULAR expansion joint LR2, LR3, LR4, LR5
TENSA®GRIP RS
Features: max. movement 400 mm
Installation: 1996

Bridge:

City: Seoul
Country: South Korea
Built: 1997
Type: Arch bridge
Length: 1,350 m

Location of the bridge in Seoul, South Korea



TENSA®MODULAR expansion joints 160, 240, 320, 400 mm movement (LR2, LR3, LR4, LR5)



TENSA®GRIP RS 100 mm movement

