



# SIKA AT WORK

## HIGHWAY BAR-BOLIARE, MONTENEGRO/SERBIA

SEALING & BONDING: Sikaflex® Pro-3, Sikaflex® Construction,  
Sika® Fugenprofile, Sika® Primer 3N

BUILDING TRUST



# SEALING AND BONDING SOLUTIONS FOR HIGHWAYS AND TUNNELS

Belgrade to Montenegro's leading seaport – this highway encourages mobility and economic potentials for the whole region.

## PROJECT DESCRIPTION

The Belgrade-Bar highway is the new connection between the Serbian's capital and leading the Montenegro's leading seaport. It is approximately 169 km long, will cross the entire country and connect it, from the Adriatic coast, through Podgorica to Serbia, and onwards, via highway Pozega – Belgrade, Romania, and Central Europe. It will link the ports on the Adriatic Sea to those on the Danube too. Moreover, this will be the shortest connection from Hungary and Romania through Serbia and Montenegro to southern Italy and Albania. The project encourages mobility and thus market mobility in the directly gravitating region for better utilization of economic potentials like tourism and agriculture.

## PROJECT REQUIREMENTS

The rugged mountainous terrain is an engineering challenge, with overall 50 tunnels and 95 bridges and viaducts planned along the whole project. Sika won the bidding for sealing joints for sections of 42 km which include 16 bridges, 20 tunnels and viaducts as well as walkways, gutters, and drainage channels.

## SIKA SOLUTION

On-site training education and trainings, preparation of method statements as official project request, involvement in new joint sealing solutions for tunnel drainage systems to show and explain how to repair concrete, priming and sealing of different new geometric shape of concrete pavements.

## SIKA PRODUCTS

- More than 110,000 x 600 ml of Sikaflex® Pro-3, Sikaflex® Construction were provided for sealing.
- Sika® Fugenprofile, Sika® Primer 3N

## Advantages of Sikaflex®

- Permanent elasticity with recovery of 90%
- One-component solution
- Fine curing without bubbles
- Sealing on different substrates
- Training for workers could be easily executed

## Financial scope

567,000 CHF





# HIGHWAY BAR-BOLIARE



## PROJECT PARTICIPANTS

**Owner:** Republic of Montenegro –  
Ministry Of Capital Investment, Podgorica, Montenegro

**Architect:** Montenegroinzenjering, Podgorica,  
University of Civil Engineering Podgorica

**Main Contractors:** CRBC (China Road & Bridge Corporation), Beijing  
Bemax Podgorica, Montenegro

**Main Applicators:** CRBC; Bemax

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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