

Industrial Interchange (Qatar)



Project description

The Industrial Interchange project is part of the expressway development program of Ashghal (Public Works Authority of Qatar), and aims to enhance the traffic flow on Salwa Road for commuters heading to the Industrial Area and the surrounding areas such as Ain Khaled, Al Murrah, New Fereej Al Ghanim, Muaither, Al Sailya, Mebaireek and Abu Nakhlah. It also formed an important part of the road network of the 2022 Football World Cup.

The new two-level interchange includes two multi-span bridges, each 330 m long, with several exit points, loops and accesses to local roads connected to the interchange, facilitating traffic movement in all directions. In addition, new bypass roads and local roads with a total length of about 3 km were also constructed, along with safety barriers, street lighting and storm water drains.

The interchange is located in Doha, the capital of Qatar



mageba scope

To meet the requirements of the client, mageba's new TENSA®POLYFLEX® RapidCure RC joint was selected for use.

Beyond ensuring seamless connections and low-noise emission values, this type of joint has very short curing time and enables the joint to be opened to traffic only three hours after casting.

For the interchange, TENSA®POLYFLEX® RapidCure joint of types RC40, RC60 and RC105 with lengths of 99 m, 190 m and 105 m respectively were delivered.

Depending on their type, the installed joints are able to accommodate movements of 40, 60 and 105 mm.

Preparing and cleaning the recess of a TENSA®POLYFLEX® RapidCure RC joint



Highlights & facts

mageba products:

Types: TENSA®POLYFLEX® RapidCure RC plug expansion joints

Installation: 2022-2023

Structure:

Country: Qatar

City: Doha

Type: Highway interchange

Client: JV "Midmac- Porr Qatar"

Owner: Public Works Authority Qatar (ASHGHAL)

Consultant: CDM Smith

Designer

Consultant: PARSONS

Pouring of a plug expansion joint on site

