

IZMIT BAY SUSPENSION BRIDGE SOUTHERN APPROACH VIADUCT – TURKEY

The Izmit Bay Suspension Bridge (Osmangazi Bridge) is the world's 6th longest suspension bridge, by length of its central span. It is part of a new highway linking the Turkish cities of Izmir and Istanbul and is located at the eastern end of the Marmara Sea, near Izmit and approximately 50 km from Istanbul.

Crossing the Bay of Izmit, the bridge and connecting highway provide three lanes of traffic in each direction. The total length of the bridge is 3,3 kilometers, with a main span of 1550 meters. The highway of 420 km (260 mi) length with the bridge reduces the travel time between the two major cities from 6:30 hours to 3:30 hours.

Picture of July 2016



SUMEX STEEL, the Turkish **ZINGA** Distributor, has been able to specify a **ZINGA** system for the Southern Approach Viaduct, resulting in an order of more than 90 tons of **ZINGA**, 28.000 L of **ZINGALUFER** and 36.000 L of **ZINGACERAM PU**.

Digital model of the bridge



Construction site of the southern approach







Construction started on 30 March 2013, as the ground stone for the bridge was laid by Prime Minister Recep Tayyip Erdoğan.

The construction was completed on 30 June 2016.

System:

ZINGA	1 x 60 µm DFT
ZINGALUFER	1 x 80 µm DFT
ZINGACERAM PU	1 x 80 µm DFT

