

# Osman Gazi Bridge protected for the long-term

ELIMINATOR® waterproofing system protects essential transportation link

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Project	Osman Gazi Bridge, Turkey
Client	Turkish State of General Directorate of Highways
Contractor	IHI E&C
Authorised Contractor	ERSE Teknolojik Yapı Endüstri A.Ş.
(Waterproofing Applicator)	
GCP Solutions	ELIMINATOR® system, SAFETRACK® HW high friction surfacing system

# Project

## Revolutionising travel in the region

Built over the Sea of Marmara in Turkey's Izmit Bay between 2013–2016, the Osman Gazi Bridge, or "Izmit Bay Bridge," as it is often referred to, is the fourth longest suspension bridge in the world.

Spanning more than 1.5km, the bridge's construction revolutionised travel between the north and south of the country, enabling passengers to make the journey across the sea in just three minutes instead of taking the one-hour ferry ride or the high-traffic 100km detour over land. The bridge opened to service in June 2016.

The bridge has become a highly trafficked route through the country, both for Turkish locals and for global businesses to transport their goods between Asia and Europe.

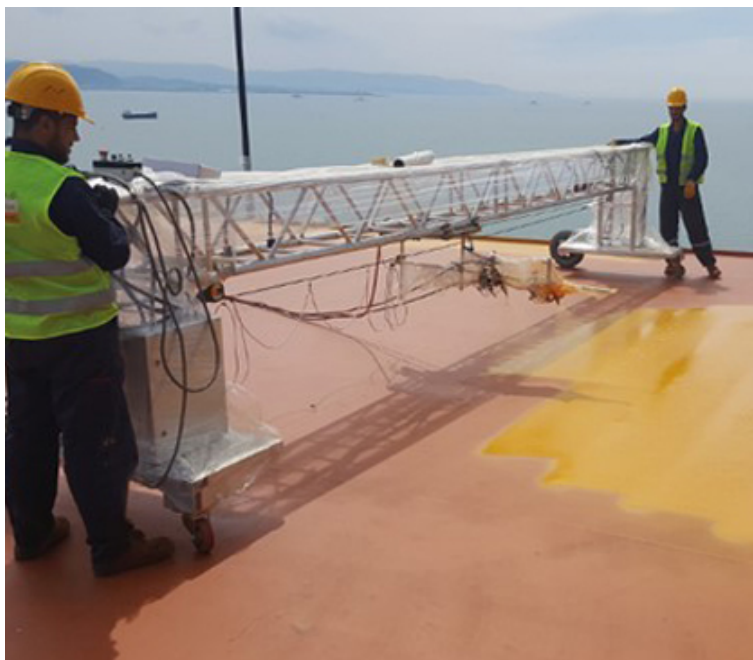


## Long-lasting protection for new bridge

Waterproofing on the Osman Gazi Bridge needed to offer tough, durable and long-lasting protection in order to reduce the need for future maintenance. Given the time limitations on the construction work and the nature of the structure, the selected bridge deck waterproofing system needed to not only provide proven long lasting protection, but allow quick and easy application and importantly, it needed to have minimal environmental impact over its lifetime.

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