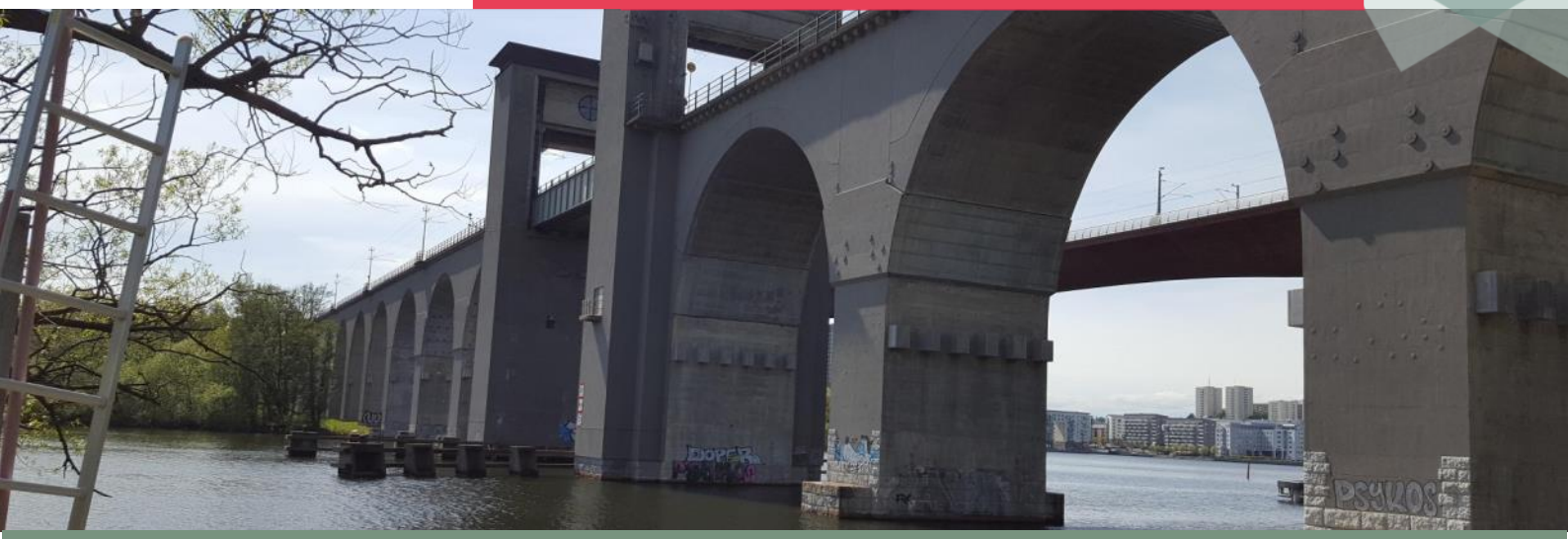
cemart
cementitious systems



REPAIR AND STRENGTHENING OF A RAILWAYBRIDGE

PROBLEM

The old Årstabron, built in 1925—1930, showed carbonation and did no longer meet the requirements of modern rail traffic. Considering there pass about 340.000 travellers over the bridge on a daily base it was impossible to break down and rebuilt.

SOLUTION

A choice was made to use a two-stage concrete with **CEMPAC® 565** as hydraulic binder. Out of all tested solutions this proved to be the only one that met the proposed requirements:

- Perfect adhesion on the existing structure
- Concrete with ZERO shrinkage
- No increase of the dead weight of the structure

USED PRODUCTS

CEMPAC® 565 : Repair and/or strengthening of concrete constructions, bonding agent for Preplaced Aggregates Concrete. Can be applied under water.

---

cempac

PROJECT DETAILS	
LOCATION	Stockholm
DATE OF EXECUTION	2006—2009
ENGINEERING	TRAFIKVERKET & Projektangemang
CONTRACTOR	NCC & NORDISK MMS

More info?
www.cemart.eu