



REPAIR OF BRIDGE DECK EXPANSION JOINTS

PROBLEM

There was a need to repair the bridge joints as a result of infiltration of water. This bridge being part of a busy traffic axis, the nuisance is to be kept to a minimum.

SOLUTION

The repair must blend with the existing structure and be sustainable. There was opted for a “two-stage” concrete with **CEMPAC® 565** as a binder. Injecting a relatively liquid mortar results in a good adhesion to the roughened surface. This “two-stage” concrete has virtually no shrinkage, resulting in no tensions at the interface old-new concrete. By adding an accelerator the bridge was already available after 24 hours.

USED PRODUCTS

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



PROJECT DETAILS

LOCATION	Stockholm
DATE OF EXECUTION	April 2010
ENGINEERING	Road Services Stockholm
CONTRACTOR	NORDISK MMS

More info?
www.cemart.eu