



SIKA AT WORK

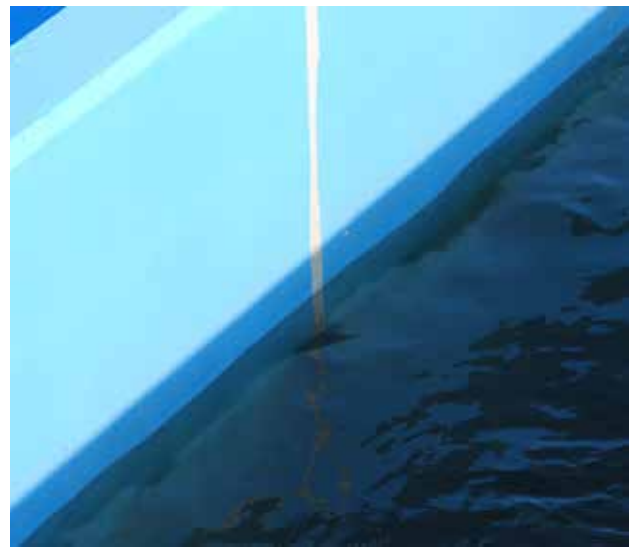
İSKİ İKİTELLİ WATER TREATMENT PLANT ISTANBUL, TURKEY

CONCRETE PROTECTION: Sika MonoTop®, Sikagard®
JOINT SEALING: Sikaflex®

BUILDING TRUST



İSKI İKİTELLİ WATER TREATMENT PLANT ISTANBUL, TURKEY



PROJECT DESCRIPTION

This is a large sewage water treatment plant with capacity to provide water to 5,200,000 people, 40% of the population in Istanbul. It has 2 separate water treatment systems, which provide a 840.000 m³ clean water a day. System 1 was completed in 1998 and system 2 in 2003.

PROJECT REQUIREMENTS

Because the sewage treatment system treats waster water which contains biological contamination and eurtrophication, it needs to use various procedures and chemicals to make the water finally clean and go back to the city water supply circulation. Therefore the water container structure requires to survive under extremely severe conditions and meet high requirements such as microbiological and chemical attack resistance, waterproofing, durability and high mechanical resistance

SIKA SOLUTION

For concrete spalling:
Sika® MonoTop series

For concrete protection:
Sikagard®-720 EpoCem® and Sikagard®-2040 TR

For joint sealing of concrete elements:
Sikaflex® PRO-3 WF

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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