



SIKA AT WORK

VIVAQUA-TAILFER BUILDING FACADE, BELGIUM

CONCRETE PROTECTION: Sikalastic®-6100 FX

BUILDING TRUST



REPAIR AND PROTECTION OF BUILDING FACADE



PROJECT DESCRIPTION

The Tailfer water treatment plant transforms raw water from the Meuse into drinking water and provides around 30% of Vivaqua's production. This is Vivaqua's only surface water catchment.

Project name: Vivaqua-Tailfer water treatment facility

Location: Lustin, Belgium

Year: 2016

Market sector: Infrastructure / Water Management

PROJECT REQUIREMENTS

The prefabricated elements on the facade of the Vivaqua-Tailfer sludge treatment plant building were affected by carbonation. There were visible concrete spallings, cracks and reinforcement showing signs of corrosion. It was necessary to repair and protect the elements while keeping the initial roughcast appearance.

SIKA SOLUTIONS

Sikalastic®-6100 FX, a lightweight, elastic membrane for waterproofing and protection against carbonation of concrete, was chosen because it has an outstanding rebar protection capacity.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

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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Its texture, thickness, crack-bridging capacity and color (light grey) have kept the original appearance of the facade.

CUSTOMERS BENEFIT

- The building is renovated, retaining the initial roughcast appearance.
- The prefabricated elements are waterproof and protected against efflorescence.
- Thanks to the crack-bridging capacity of the membrane, the elements are protected against cracks.

PROJECT FACTS AT A GLANCE

A total of approx. 380 m² of treated area. The use of Sikalastic®-6100 FX instead of traditional cementitious two-component waterproofing membranes saved approx. 500 kg of waterproofing material.

PROJECT PARTICIPANTS

Project Owner: Vivaqua-Tailfer

Applicator/Contractor: Vivaqua – Service Travaux