

Bridge parapets

In March 1998 in Zurich, Switzerland Formtex[®] was used in casting of bridge parapets.

Specification: a void free surface with high frost/thaw resistance and a high quality concrete cover to resist chloride penetration from road salt. Formtex[®] was chosen for the project as the liner met all the above requirements and was easily tensioned to formwork elements -also on sloping surfaces.



The finished parapet - Ready to use without any kind of after treatment.

Process

Formtex[®] was used for the project. The liner was used twice.

Client on the project was the Swiss road authorities in Zurich, Tiefbauamt des Kantons.

Installation

The fixing of the Formtex[®] to the formwork elements was carried out slightly different than normally as the formwork elements were rather small. The liner was stapled to the bottom of the formwork, tensioned manually and then stapled to the top of the formwork.



A formwork element lined with Formtex[®] ready for casting.



Casting of parapet and finished result.