

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 - including on sloping surfaces.

Figure 1. The finished parapet - Ready to use without any kind of after treatment.

Process



Figure 2. A formwork element lined with Formtex® ready for casting.

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

The client on the project was the Swiss road authority in Zurich, Tiefbauamt des Kantons.

Follow-up



Figure 3. Casting of parapet and finished result.

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.