

Shekou Container Terminal China



When the construction of the quay for Shekou Container terminal was commenced in December 2002, Controlled Permeability Formwork was not specified. However, the client wanted a dense concrete surface to protect the quays from the constant exposure to salt water, and thereby achieve a longer service life with reduced maintenance costs. Formtex® CPF liner was then chosen to secure a dense concrete with extended durability in this aggressive environment.

Figure 1. The construction site at Shekou Container Terminals.

Process



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

Formtex® was glued to the formwork (see Application Guide: gluing method) as the formwork was made of metal. The site workers installed Formtex® easily and effectively.

Follow-up



Figure 3. Casting of parapet and finished result.

Formtex® was used a further two times in this project. Total quantity of Formtex® used was 15,000 m². The client was very satisfied with the high quality concrete surface achieved by using Formtex®, and recommends it for other projects.