

ACO Surface Water Management

Container terminal Brajdica, December 2012



Container terminal Brajdica

New dock for a better position in the region

Container terminal Brajdica is located on the mouth of Rječina. During the 25 years since the first phase of construction was put into operation, continually increasing the amount of transshipped containers. The biggest turnover 2008th when it was reloaded over 170,000 TEUs.

Start of the new port container terminal Brajdica was July 10th 2013th. It is a joint public-private partnership of Luka Rijeka and ICTSI Philippine company that started in March 2011th year.

Company Adriatic Gate Container Terminal (AGCT) has invested more than 30 million EUR in equipment for the new wharf and storage space for containers, as part of the expansion of Terminal Brajdica. An impressive 328 meters of the new port is built, and a new 101,000 m² of warehouse space. AGCT

equipped Brajdica with two post-panamax large capacity coastal cranes, six container bridges for the storage area and two container bridges for railways. Increasing the depth of the coast at 14 meters enables the serviceability for container ships up to 370 meters in length and a maximum capacity of 600,000 TEUs.

Thanks to investments in container terminal in Brajdica - AGCT reached technological equipment ranking modern world container ports, which will certainly help in achieving the strategic goal of becoming inevitable destination of numerous cargo ships goods from around the world that are shipped to the states of Central and Southeastern Europe. The company ICTSI announced an additional 35 million EUR investment in the coming years in order to increase traffic to 245,000 TEUs to 2015th year.



ACO Secant large size covers and line drainage Aquaduct 300/400) on manipulative surface

Challenges to this demanding project were perfect for company ACO. Request for drainage channels in lengths over 100 m with a continuous decline seemed to be unachievable. Thanks to our branch office ACO Polymer Products Inc. with headquarters in Casa Grande, Arizona, USA that have been engaged in the manufacture of drainage systems for 30 years, we found a solution for this project.

Aquaduct channels with a body of fiberglass proved to be the ideal solution because thanks to its modularity can achieve unlimited depth and body with a continuous decline of 0.5%.

Body channels, frames and grates cover class F900 were shipped from the USA with ship container directly to construction site - Container terminal Brajdica, and fully tested and certified in IGH Zagreb. So far is built over 1500 m of channels in width 300 and 400 mm, while the second phase is expected to continue cooperation.

Also according to the requirements of the project we supplied covers of large sizes ACO Secant (up to size 900x1900 mm) in load class D400, and manhole covers 600 and 800x800 mm in loads class F900. expected.

The complete program of ACO channels and TopTek covers, meets all HACCP requirements that are integrated in food safety control systems in all stages of its production and distribution.



ACO Aquaduct 300/400 with grating F900 according to EN 1433 on manipulative surface



Construction site at the time of installing of ACO Aquaduct channels



ACO reference

PROJECT: Container terminal Brajdica

INVESTOR: Lučka uprava Rijeka
PROJECT: Rijekaprojekt - vodogradnja
CONTRACTOR: GP Krk d.d.
BUILD: 2010. - 2013.
LOCATION AREA: 50.000 m²

ACO products:

Aquaduct 300 F900
Aquaduct 400 F900
Secant 900x1900 mm D400
Secant 600x1300 mm D400
Begu 600 mm F900
Bespoken 800x800 mm F900

1121 pcs.
430 pcs.
6 pcs.
25 pcs.
29 pcs.
5 pcs.

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