

Astakos Terminal

TYPE OF APPLICATION: Harbour pavement

LOCATION: Astakos - Greece

DATE OF CONSTRUCTION: From 2003 to 2007

ENGINEER: George Diakogeorgiou

CONTRACTOR: jv Astakos Terminal (AEGEK, Athens)



Slip form paver machine

Description of the project

Harbour pavement and container terminal - saw cut pavement

Thickness: 22 cm - 35 cm - Size: 600000 m² - 150000 m² (built in 8 sections) - Joint distance: 7 x 7 m

Two Incite dosing machines have been used at the jobsite. Fibres were added into the hopper together with the aggregates. Normal mixing time, good fibre distribution, transport of the concrete by truck.

The concrete was placed by slip form paver, very good surface. No fibres on top, target speed for 35 cm slab thickness was 30-40 m/h, casting width 4,75 m, dowelled day joints, surface was capped as fast as possible with wet cloths, kept wet during several days.



View of the harbour

Solution with Dramix®

Fibre type:

RC80/60BN

Concrete thickness:

22 - 35 cm

Concrete quality:

C30/37

Project size:

600000 m² + 150000 m²



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