

# Preload treatment by means of Wick Drains in the Airfield of the Prat de Llobregat Airport (Barcelona)

Client:	Comsa
Period of execution:	December 2000
Contract value:	120.000 €

The preload treatment by means of Wick Drains for consolidation of the soil at the Barcelona Airport was executed in the month of December of 2000.

The soil was constituted by a superficial layer of silt sands under which clayey silts and slightly loose silt sands were to be found.

The type of drain used was Colbond, CX-1000 model, supplied in 225 m roles, consisting in a core in the shape of a polyester-polyamide band surrounded by a sleeve of filtering material.

The average length reached was 17 m, with performance standing at 4500 ml/day, with total executed length at works reaching 56,000 m.

