

Anchored Micropile Curtain for the “Caja Burgos” Museum of Contemporary Art (Burgos)



Client: U.T.E. Ctnes. Aragón Izquierdo S.L. and Ctnes Arranz Acinas S.A.
Property: Caja Burgos
Period for execution: February 1995

In view of the need to excavate up to a depth of 13.5 m, with adjacent party buildings of a historical nature (San Esteban Church, dating from the 13th century), the approach of an anchored micropile curtain was essential, given that accessibility to the plot was complex.

The micropiles that were employed corresponded to 220

mm with tubular 127x109 mm steel reinforcement, N-80 quality and resistance plaster, fck characteristic, 25 N/mm².

Cable anchors were employed to provisionally brace the curtain to the terrain. In the areas where maximum excavation was to take place, close to the church, 4 bracing levels were executed with the objective of limiting deformations that could damage the structure of the temple.



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