

Profometer 650 AI

Measuring congested rebar arrangements in dock caissons

Customers in the marine construction industry are using the Profometer 650 AI to establish rebar diameter and concrete cover depth in dock caissons. Dock caissons are often pre-fabricated in off-site factories before transporting them to the docks. Prior to installation into their final position, the rebar diameters and concrete cover depths of the caisson are tested to ensure they conform to design specifications.

Non-destructive cover determination by pulse induction technique is a common inspection method. Proceq's Profometer 650 AI offers best-in-class accuracy in concrete cover measurement and rebar diameter estimation, even where there are congested rebar arrangements within the dock caissons.



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