



Tubular Pile Press-in Method

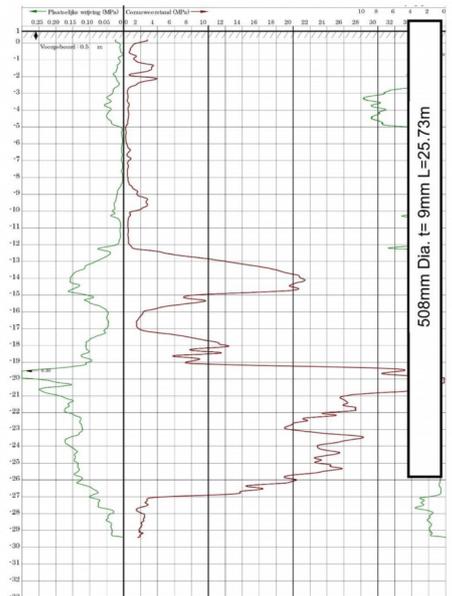


Gyropress Method

Non-staging Method

GRB System

Narrow Access Method



Project Name	Amsterdam Quay Walls Innovation Partnership
Purpose of Project	Canal's Quay Wall Rehabilitation
Location	Amsterdam, NETHERLANDS
Project Owner	City of Amsterdam
Main Contractor	G-Kracht
Piling Contractor	G-Kracht
Duration	November 2022 to March 2023
Press-in Machinery	GYRO PILER™ GRV0611e, CLAMP CRANE™ CB2-11
Pile Section & Length	508 mm tubular pile Dia. length 13.75-25.73 m
Features & Remarks	Many cities in the Netherlands are facing the challenge of renovating quay walls. This project conducted in Amsterdam city has limited space for construction. Moreover the city's aim was to keep the historical landscape and traditional trees. With the GYRO PILER, it becomes possible to install the piles directly through the existing canal structure eliminating the need for demolition and temporary works. Also using the GRB system enables the compact construction equipment to "walk" along the installed pile wall so removal of the trees can be avoided.



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