

NDSM Werf Project – Gemeente Amsterdam

Concrete reinforcement with TwistR fibres for foundations

PROJECT

At the iconic NDSM Werf in Amsterdam, tree and flower planters were fitted with a foundation reinforced using our TwistR structural fibre. By designing the concrete structure entirely around fibre reinforcement, traditional steel reinforcement could be omitted altogether.

What made this project remarkable was the speed at which the switch was made. Within two days, the entire structure was recalculated for fibre reinforcement, including approval from the Municipality of Amsterdam. This meant the project could proceed without delay, while structural performance remained fully guaranteed.

The results speak for themselves: a net saving of 1,500 kg of steel reinforcement and a 98% CO₂ reduction on the reinforcement component. A clear example of how our TwistR fibre offers a more sustainable, faster and more material-efficient alternative to conventional reinforcement.

PROJECT IN FIGURES

Client	Provincie Gemeente
Location	NDSM-Werk Amsterdam
Year	2023
Project type	Foundation for tree/flower planters
TwistR Hybrid fibres	1,500 kg
Application	TwistR®

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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