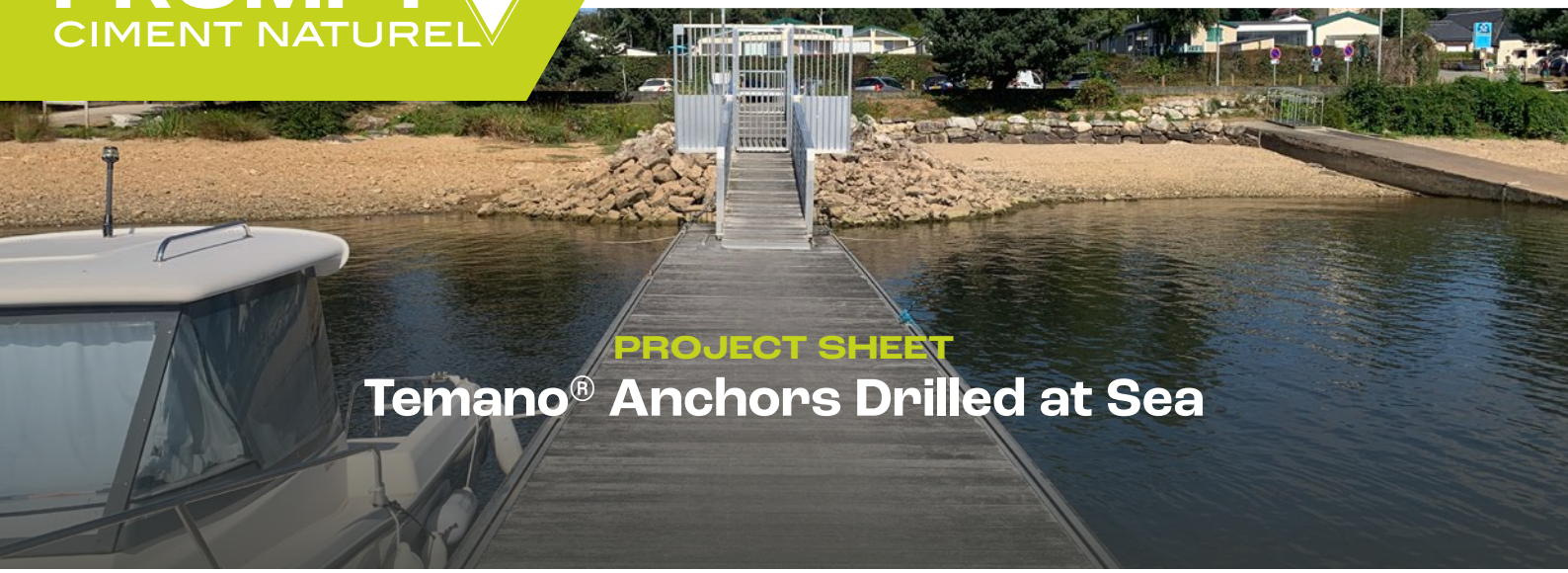
PROMPT VICAT
CIMENT NATUREL



PROJECT SHEET

Temano® Anchors Drilled at Sea

THE PROJECT

Temano® drilled anchors replace traditional deadweights with unit resistances up to 20 tons while minimizing impact on marine ecosystems. The anchor consists of a steel (or stainless steel) rod assembly drilled to a depth sufficient to reach cohesive soil (up to 10 m) and sealed with Prompt Natural Cement grout. This technique is used for installing pontoons and mooring zones in protected areas such as natural parks and Natura 2000 sites. Temano® anchors are robust, durable, and environmentally friendly.

Contractor

Temano®

TECHNICAL APPROACH

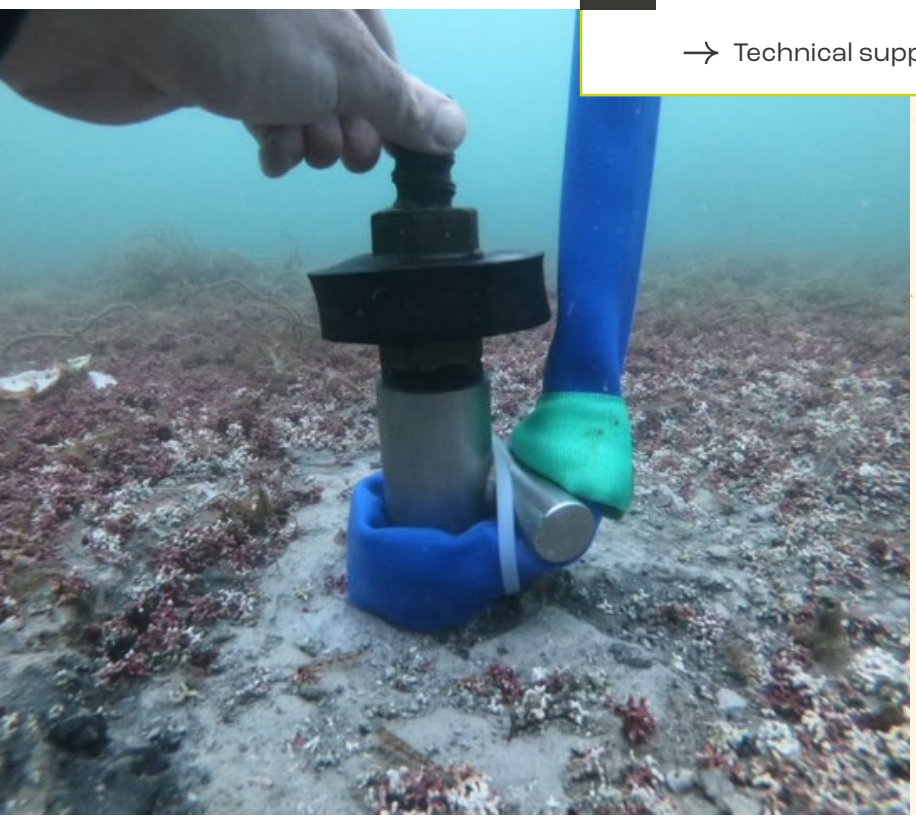
The drilling rig consists of a tripod supporting the drill mast, mounted on a gimbal to ensure the hydraulic hammer remains perfectly vertical even on uneven ground. Once the target depth is reached, a high-pressure injection of Prompt natural cement grout is performed.

The grout rises from the bottom of the borehole to the surface. The roughness of the borehole walls combined with the specific threading of the steel bar creates a very strong bond, proportional to both the drilled length and the hardness of the layers crossed.

Prompt natural cement offers extremely fast setting, is 100% natural, and has excellent technical performance. Pull-out strengths for Temano® bored anchors range from 2 to 20 tons, depending on the ground conditions.

+ VICAT ADVANTAGES

→ Technical support



PERFORMANCE REQUIREMENTS

Respect for marine fauna and flora

Durability and resistance in marine environments

Rapid underwater setting

For more information, contact Jean-Philippe Bruasse, Technical Trainer & Advisor PROMPT:

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