



SIKA AT WORK

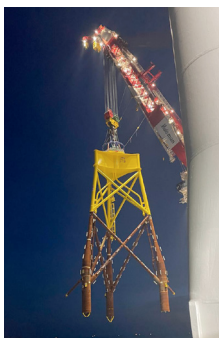
GROUT APPLICATION FOR THE CHANGFANG & XIDAO OFFSHORE WIND FARM CAMPAIGN 2, TAIWAN STRAIT, TAIWAN

OFFSHORE & MARINE CONSTRUCTION
RENEWABLE ENERGY

BUILDING TRUST



GROUT APPLICATION FOR CHANGFANG & XIDAO OFFSHORE WIND FARM



PROJECT DESCRIPTION

The Changfang and Xidao Offshore Wind Farm is a 589 MW offshore wind farm project in Taiwan, owned by Copenhagen Infrastructure Partners as the majority owner and Global Power Synergy Public Company (GPSC) as the minority owner. This new wind farm has the capacity to power 650,000 Taiwanese households with renewable energy. Boskalis were responsible for the transport and installation of the WTG foundations, which consist of three pre-driven piles onto which a jacket was installed. The water depth ranges between 25 m and 40 m. Project 2 consisted of 52 foundations.

Project name: Changfang and Xidao Offshore Wind Farm
 Location: Taiwan Strait, Taiwan
 Year: 2023
 Application: Jacket foundations
 Product: SikaGrout®-9800

PROJECT REQUIREMENTS

Due to the unpredictable weather and lack of subsea visibility at the project site location, a short installation schedule was envisaged by the customer between April to August 2023. Sika was required to supply and apply grouts in quick succession and offered a bulk product solution, both onshore and offshore project management, as well as state-of-the-art mixing technology to apply our product to the highest quality.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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SIKA SOLUTIONS

Sika provided the best-in-class product SikaGrout®-9800 and mixing technology to meet the high demands of the project installation schedule and applied 12,440 MT to 52 jacket structures in just 47 offshore grouting days. The fastest grouting operation recorded during the works was up to 45 m³/h.

CUSTOMER BENEFITS

- Supply of groundbreaking offshore grout mixing technology and experienced crew made the fast-tracked delivery of this program possible.
- All offshore deliverables were successfully achieved resulting in an efficient and high-quality application of SikaGrout®-9800 in Taiwan.
- Progress was swift, with 28 jackets successfully installed in just one calendar month.

"The knowledge and client focus of Sika in providing SikaGrout®-9800 to their customers, made us request a turnkey solution covering supply, application, and quality control of the same product. And this very much to our satisfaction as the short communication times, open attitude to approach us as a customer and drive to perform, lead to a project execution with very high output and very good quality application. This allowed us to complete the project ahead of schedule with the full satisfaction of our end customer."

Edward Meevers Scholte
 Sr. Project Manager
 Boskalis Offshore International

PROJECT PARTICIPANTS

Contractor: Boskalis Offshore International

