



SIKA AT WORK

MASSUTERA SALMAN JACKET LEG GROUTING

OFFSHORE & MARINE CONSTRUCTION
CONVENTIONAL ENERGY

BUILDING TRUST



MASSUTERA SALMAN JACKET LEG GROUTING



PROJECT DESCRIPTION

In December 2020, Sika successfully delivered its first onshore grouting services for a new-build jacket leg at the MCY Yard in Kuala Belait, Brunei. The grouting was carried out as part of jacket fabrication works ahead of offshore installation.

Project name: Massutera Salman Jacket Leg Grouting
Location: MCY Yard, Kuala Belait, Brunei
Year: 2020
Customer: Massutera Engineering Sdn Bhd
Application: Jacket Installation
Product: SikaGrout®-9110

PROJECT REQUIREMENTS

The project required a reliable, high-performance grouting solution capable of meeting stringent quality control standards in an onshore fabrication yard environment. In addition to supplying the grout material, Sika was responsible for equipment, offshore-certified personnel, and documentation to support the full execution of the grouting scope.

SIKA SOLUTIONS

Sika supplied 24 metric tons of SikaGrout®-9110, a UHPC grout specifically designed for structural offshore and onshore applications. The team provided the full grouting setup, including pumps, hoses, valves, and auxiliary equipment, and executed the work using both primary and secondary inlet lines to ensure optimal grout distribution.

Despite challenging site conditions – including heavy rainfall and high tides – the experienced grouting team collaborated closely with the client's yard crew, including riggers and a dedicated banksman, to safely complete the grout mixing and placement.

All operational data was recorded in real-time and included in the project's comprehensive QA/QC documentation, which featured daily reports, temperature logs, material consumption tracking, and 14- and 28-day cube compressive strength test results.

CUSTOMER BENEFITS

The grouting operation was completed in just 6.5 hours, with all deliverables achieved on time and to the client's satisfaction. The rapid, high-strength performance of SikaGrout®-9110 ensured robust structural support for the jacket leg, while the close coordination between teams enabled a safe and seamless execution despite difficult weather conditions.

Sika's end-to-end delivery, from material supply to post-grouting documentation, provided confidence and efficiency, helping to streamline the yard operations and support the successful progression of the jacket fabrication schedule.

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.



SIKA SERVICES AG
Tueffenwies 16
CH-8048 Zurich
Switzerland

Contact
Phone +41 58 436 40 40
www.sika.com

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