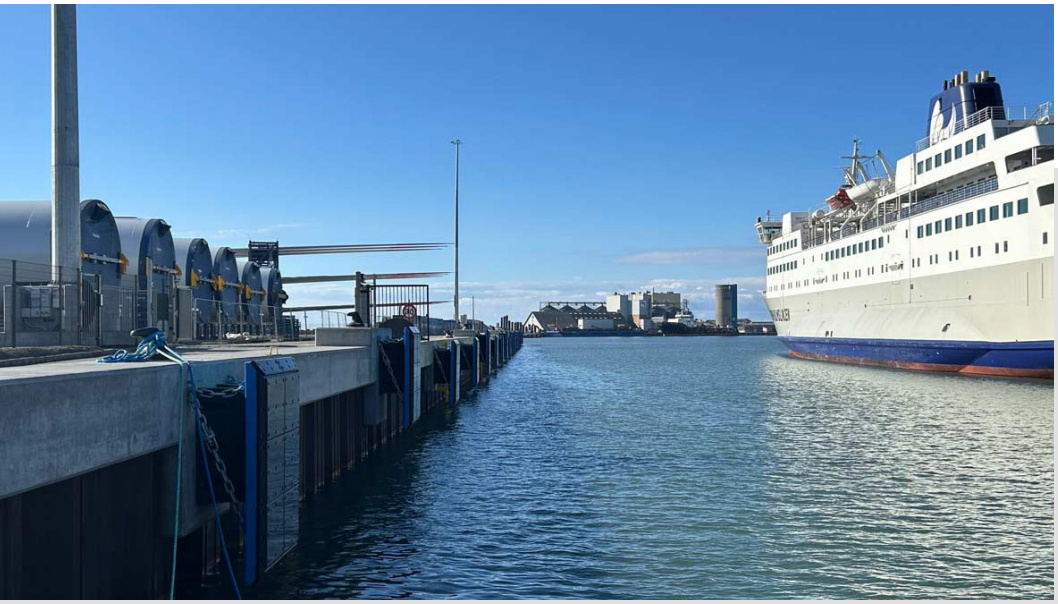
CASE STUDY

SHIBATAFENDERTEAM
on the safe side

Trusted Partnership at Rønne

Port of Rønne, Denmark



Application
Special Applications

Type
FE Element Fenders

Date 2025

Reference 6051

A CLOSER LOOK AT THE CASE

Located on the Danish island of Bornholm, the Port of Rønne plays a central role in supporting **offshore wind projects** across the Baltic Sea. Phase 3 of the port's future-proofing project, closely aligned with a broader climate and infrastructure strategy, that began in late 2023. This phase added **over 100,000 m² of project space, a 280 m quay, and a new Ro-Ro ramp,** among other upgrades. These facilities further strengthen the port's growing importance as a logistics hub for wind turbine shipments and offshore activity in the region.

SFT was once again selected to collaborate with the contractor MT Højgaard— continuing a **trusted partnership** built over previous phases of development at the Port of Rønne. The delivery prominently featured 24 Element Fenders (FE 1250×1000 mm, G2.4) with closed-box steel panels measuring 2250 × 2850 mm. The project scope also included 10 Steel Ladders and 28 T-Head Bollards, 24 of them with 125t mooring capacity and four with a capacity of 200t.

Project Scope

- 24 Element Fenders (FE 1250×1000 mm, G2.4) with closed-box steel panels 2250 × 2850 mm
- 10 Steel Ladders
- 28 T-Head Bollards between 125t and 200t

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CHALLENGE AND SOLUTION

Faced with high demands on design, performance, testing, and rubber quality, our in-house engineering team designed the Element Fender systems to fully meet all requirements. The final solution included tension chains to control deflection, ensuring **efficient energy absorption, durability, and structural integrity** during berthing impacts.

The client demonstrated an exceptional eye for detail throughout the project, setting **high standards** that motivated the entire SFT team to deliver **customized solutions** precisely aligned with their expectations. Having successfully supplied Fender Systems for Phase 2, this continued partnership reflects their trust in our expertise and our ability to deliver consistent quality across multiple stages of a **long-term development.**

Offshore Terminal Expansion | Rønne | Denmark

With Phase 3 completed, the port has **doubled its capacity to handle concurrent offshore wind shipments** — a milestone that strengthens its role in the Baltic Sea.

As the Port of Rønne moved into Phase 4 of the future-proofing project, we remain dedicated to delivering high-performance fender systems that support the port's future ambitions. Explore more SFT Case Studies or Contact Your Nearest Office.