**TRELLEBORG SUPPLIES BESPOKE GASKET TO PROTECT HISTORIC SHIP IN FINLAND**

Trelleborg’s marine and infrastructure operation has supplied a specially designed Gina gasket (G110-80) to a bespoke dry dock which protects the renowned historic ship, Pommern, located on the Åland Islands in the Baltic Sea. Pommern is the only tall ship in the world that remains structurally unaltered since her launch in 1903. After sailing for over 70 years, the ship has provided the centerpiece to the Mariehamn Maritime Museum since 1957.

Trelleborg was tasked by EE Engineering, who constructed the dock gate where the ship is now housed, to provide a purpose-built leak-free alternative to a standard D-fender. The option chosen was the Gina gasket. Only one of this type of gasket is required as opposed to several gaskets needed in the D-fender to obtain the same result as the smaller Gina gasket. In addition to this, Trelleborg also supplied its low friction, wear resistant UHMW-PE fender panels, which guide the floating dry dock door into its recess before the Gina gasket is compressed and closes off the dry dock.

Emil Engblom, CEO at EE Engineering, commented: “The Pommern is widely considered a symbol for Mariehamn and its maritime heritage. Therefore, there has been significant investment in the ship’s refurbishment and preservation. Central to that plan is the construction of a dry dock to safely and effectively moor the ship at the western harbor of Mariehamn.

“It was imperative that a manufacturer was specified that could provide a solution, with a proven track record, to successfully seal the dock door. Trelleborg approached the challenge head-on and proved to be a very experienced and trustworthy partner.”

Richard Hepworth, President of Trelleborg’s marine and infrastructure operation, commented: “Our custom Gina gasket provided the ideal solution as it ensured a watertight closure, greater tolerance bandwidth and low jacking force due to its various levels of hardness. It also facilitated less fixation materials on the dock door and offered a simple, hassle-free installation process.”

To seal the dry dock door, the Gina gasket is made from natural rubber combined with various levels of hardness to accommodate for the variation in hydrostatic pressure and is supplied as a U- frame. The fender panels were faced with Trelleborg's ultra-high molecular weight polyethylene UHMW-PE, a first choice for this and other heavy duty applications. It combines very low friction with excellent impact strength and a wear resistance superior to that of steel.

For more information about Trelleborg’s marine and infrastructure operation, or any of its products and solutions, visit: <https://www.trelleborg.com/en/marine-and-infrastructure>

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### *Notes to Editors: Trelleborg’s marine and infrastructure operation and Trelleborg Group*

The marine and infrastructure operation of the Trelleborg Offshore & Construction business area, is a provider of engineered polymer solutions to the marine, infrastructure and renewable energy industries. It manufactures and installs bespoke fender systems, docking and mooring equipment, oil and gas transfer technology and vessel efficiency technology for marine environments all over the world. Its polymer engineering expertise also extends to its range of general marine products, including navigation aids and buoys. Performing in some of the harshest environments on earth, its principal infrastructure and energy offerings are sealing systems for tunnels, dredging hoses, water management solutions, building vibration isolation, and polymer seals for offshore applications.

<https://www.trelleborg.com/en/marine-and-infrastructure>

***Trelleborg*** *is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has annual sales of about SEK 34 billion (EUR 3.32 billion, USD 3.92 billion) in about 50 countries. The Group comprises five business areas: Trelleborg Coated Systems, Trelleborg Industrial Solutions, Trelleborg Offshore & Construction, Trelleborg Sealing Solutions and Trelleborg Wheel Systems. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap.* [*www.trelleborg.com*](http://www.trelleborg.com)*.*