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# Fassmer Shipyard selects Roxtec pipe seals

What is crucial when sealing pipe penetrations onboard a ship or vessel? Each seal must provide certified protection, fit one or multiple pipes of different sizes and help save space. Fassmer Shipyard in Berne, Germany, chose Roxtec pipe seals for their shipyard standard.

“It is good to be able to design and plan for one cut-out without having to define pipe sizes. During construction, we enter multiple pipes through the opening and adapt the seal to the diameters. We can even add pipes later,” says Alla Klatt, Senior 3D Coordinator at Fassmer Shipbuilding Division.

She explains why she updated their shipyard standard for pipe penetrations with Roxtec seals:

“The flexibility. Now we can make changes without taking away concrete or drill new holes to refill.”

## Selected sealing solution

The shipyard standard is valid for all projects and followed by all contractors. The yard is to use Roxtec solutions instead of sealing plugs or concrete compounds in demanding applications. Marc Bröker of the Mechanical Department at Fassmer Shipyard says the Roxtec design is cleaner, and that it enables installation of pipes closer together. It also makes it easy to add pipes. “We just open up, add a pipe and reclose the transit, and we only need access to one side of the deck or bulkhead for the installation, not both as is the case with plugs or concrete.”

## No need for hot work

Fassmer is using Roxtec pipe seals and cable transits to ensure protection against fire, gas and water, and to reduce noise and vibration. The Roxtec SPM seal for sealing of single metal pipes without welding is handy at phases and in areas where a hot work process is out of question.

“Now we can easily install a new pipe at a late stage, even on LNG-driven vessels,” says Marc Bröker.

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For further information, please contact Roger Johansson, Executive Vice President Business Area Marine and Offshore, Roxtec, on +46 455 36 67 00 or via roger.johansson@roxtec.com.

You can find more pictures as well as a video recorded at Fassmer Shipyard on roxtec.com.

Caption:

*Fassmer Shipyard is using Roxtec cable and pipe penetration seals in decks and bulkheads.*

About Roxtec and Multidiameter™

Swedish Roxtec Group is the world-leading provider of modular-based cable and pipe seals for certified protection against multiple risks. The company’s invention for adaptability to cables and pipes of different sizes, Multidiameter™, is based on sealing modules with removable rubber layers and allows for a perfect sealing, regardless of the outside dimension of the cable or pipe. The technology simplifies design, speeds up installation and reduces the need for stock, material and logistics. It also provides spare capacity for upgrades. Roxtec serves and supports customers in more than 80 markets through subsidiaries and distributors. For more information, please visit [www.roxtec.com](http://www.roxtec.com)