The Customer
Danser van Gent Shipping

The Location
Delfzijl, The Netherlands

The Challenge
A durable, abrasion-resistant topcoat for the top sides of the vessel with a long-lasting performance under different operational conditions

The Solution
The PPG PSX 700 polysiloxane topcoat

The Benefits
Easy maintenance, fewer maintenance periods and less downtime

The Result
A sustainable, long-term solution, reduced maintenance costs, extended service intervals and a perfect representative vessel with optimal corrosion resistance, long-term gloss and excellent color retention

The Customer
Danser van Gent is a family-owned business based in Delfzijl, The Netherlands. The name Danser van Gent is a fusion of two names, Rita van Gent and Henk Danser; both have their roots in the marine business and belong to families that have been active in the marine business for more than eleven generations.

Henk and Rita Danser van Gent had five children who have been an important inspiration for continuing and growing the family business and in building new bigger vessels. All the children have sailed on the five vessels of Danser van Gent.

Currently, Danser van Gent Shipping has five vessels: the Marietje Andrea; Marietje Marsilla; Marietje Deborah; Annika Benita; and their latest asset, the Marietje Nora. The names of the vessels are derived from the names of Rita (Marietje), the daughters and daughters-in-law.

The Challenge
For the Marietje Nora (named after their granddaughter Nora) Danser van Gent were looking for a more durable and robust coating system. According to the families’ philosophy, the vessels should always represent the company with a smart appearance and be in pristine condition. This is one point that distinguishes this shipping company from their competitors.
Another reason is that it becomes more and more difficult to spot repair damages in the ports because of stricter rules and legislation. This is why there is a need for a durable, long-term coating solution that requires less maintenance.

The Solution

PPG proposed the PPG PSX 700 system to meet all the customer’s criteria. Since its introduction in 2003, the PPG PSX 700 system has been widely acclaimed by customers for its long-term durability and outstanding performance in harsh conditions.

The PPG PSX 700 polysiloxane topcoat was applied to the topsides. This ultra-high solids, VOC-compliant product provides optimal corrosion- and abrasion-resistance along with long-term gloss and excellent color retention. The PPG PSX 700 coating is also highly resistant to stains and dirt accumulation.

The Benefits

PPG’s PSX 700 polysiloxane-epoxy coating delivers dramatic, proven cost savings, unsurpassed performance and meets the most stringent VOC regulations.

Use one coat of PPG PSX 700 product to replace a conventional epoxy/polyurethane topcoat system or use the PPG PSX 700 coating over a zinc primer to replace a conventional three-coat zinc primer, epoxy, conventional polyurethane system. Either way, the PPG PSX 700 system guarantees significant cost savings.

PPG PSX 700 benefits:

- Less frequent repainting – due to greatly extended service life
- Shorter application time – less layers to apply reducing ship downtime at maintenance
- Reduced hazardous waste management costs – extremely low-volatile, organic compound content easily satisfies stringent environmental and health and safety requirements, and cuts disposal costs (fewer cans to discard)
- Quick and easy application – using airless or conventional spray, brush or roller
- Shorter downtime – cures at room temperature and will be touch-dry in two hours at 21°C (70°F)

The Result

Although some companies look for low-cost solutions and to save costs in the short term, Danser van Gent Shipping, with its reputation for quality and high standards, is aiming for a long-lasting, sustainable coating system that will ensure greater productivity over a long-term period.

The PPG PSX 700 topcoat delivers unrivaled performance while complying with the most exacting VOC regulations. In addition, the coating’s excellent gloss and color retention ensure that the Marietje Nora maintains a smart appearance.

Henk Danser commented, “We are delighted with the performance of the PPG PSX 700 product. We set very high standards for the vessels that bear our name and the immaculate appearance produced by the PPG PSX 700 topcoat has exceeded all our expectations.”

Image: PPG PSX, a highly durable topcoat with superb aesthetic appearance, has been applied to the topsides of the Marietje Nora