

## CASE STUDY

# COMMITTED TO QUALITY

## Walsteds Boatyard uses WEST SYSTEM® epoxy to deliver first-class restoration and repair projects

# WEST SYSTEM®

### Products Used

- WEST SYSTEM 105 Epoxy Resin®
- WEST SYSTEM 205 and 206 Hardeners
- WEST SYSTEM Fillers

### Application Areas

- Filling
- Fairing
- Laminating Wood
- Coating
- Sheathing

### Customer

Walsteds Boatyard

**Walsteds**  
Baadeværft

**||** We combine first-class workmanship and good taste with the best materials – that often includes WEST SYSTEM epoxy."



Photograph courtesy of Walsteds Boatyard

**With just one, marine-grade epoxy system for multiple applications, Walsteds can work more efficiently and deliver excellent results for clients every time. In addition, WEST SYSTEM epoxy cures at low temperatures, helping Walsteds to minimise heating costs and work productively all year round.**

Owners of classic yachts are used to the best of everything – and that includes restoration and maintenance services for their premium vessels. For decades, the most exacting customers have trusted Walsteds Boatyard of Denmark to keep their boats in tip top condition and to repair and maintain them as needed.

Walsteds, which started out in 1949, has a long and rich heritage of working on all kinds of yachts – both wooden and GRP. However, everything changed for the company in 1997, when it was commissioned to build Diana, a new 62-foot Bill Dixon yacht using WEST SYSTEM epoxy and the latest epoxy construction techniques.

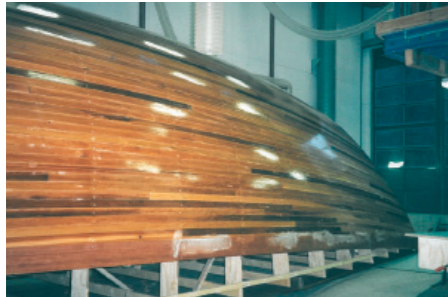
Diana turned out to be one of the most influential boat building projects in Denmark's history. Hans Fokdal, former member of the Walsteds build team – now Managing Director of HF Industri & Marine – says, "Diana had a huge impact, both in Denmark and around the world. After that, strip-planking really took off as a fast, efficient way to build hulls."

Walsteds went on to build a classic Sparkman & Stephens sloop called Carolina IV with WEST SYSTEM epoxy in 2000. The company has also used WEST SYSTEM products on a number of major restoration projects.



“We once tried using epoxy from another manufacturer but we came back to WEST SYSTEM epoxy immediately. With WEST SYSTEM epoxy, we know that we can deliver the best possible results for our clients every time – that’s what drives us.”

WEST SYSTEM epoxy is a hugely versatile epoxy system with a range of fillers and additives, making it suitable for wood and fibre-glass repairs including, filling, fairing, laminating, coating and more.”



Photograph courtesy of Walsteds Boatyard

Walsteds Boatyard use WEST SYSTEM epoxy for a variety of applications, including laminating wood, coating and sheathing



Photograph courtesy of Walsteds Boatyard

WEST SYSTEM epoxy and hardners always ensure the best project outcomes, with strong bonds between all types of materials



Today, Walsteds focuses on restoration and repair projects while quality remains central to the company’s culture. Company Co-owner Sonja Walsted, says, “Whether we are restoring a classic yacht from the late nineteenth century or carrying out a small fibreglass repair for a customer, we always strive to deliver the best possible quality.”

## Achieving the best results with WEST SYSTEM epoxy

To deliver the best results for its clients, Walsteds Boatyard continues to use WEST SYSTEM epoxy across a wide range of applications.

Henning Bøgh, master boat builder and Head of Workshop at Walsteds, says, “We combine first-class workmanship and good taste with the best materials – that often includes WEST SYSTEM epoxy. We use it on everything, from complete restorations and wood and fibreglass repairs, to rigging projects, interior refits and navigation equipment installs.”

Walsteds Boatyard is currently using WEST SYSTEM epoxy on around 50 projects a year. “We once tried using epoxy from another manufacturer but we came back to WEST SYSTEM epoxy immediately,” says Bettina. “With WEST SYSTEM epoxy, we know that we can deliver the best results for our clients every time – that’s what drives us.”

To get the most out of WEST SYSTEM epoxy, Walsteds works closely with HF Industri & Marine, the distributor of WEST SYSTEM products in Denmark. “When we started with WEST SYSTEM epoxy, a team came from England to help us get up and running, but we now get all the support we need locally from HF Industri,” says Bettina. “Our offices are actually very close to each other, which makes it easy to get the product we need quickly and Hans is always happy to answer any questions that come up.”

## Benefits

### Excellent results for discerning clients

By using WEST SYSTEM epoxy on its restoration and repair projects, Walsteds can follow a single, repeatable process and achieve excellent results for clients every time.

“WEST SYSTEM epoxy is a hugely versatile epoxy system with a range of fillers and additives, making it suitable for wood and fibreglass repairs including, filling, fairing, laminating, coating and more,” says Henning. “Because we can handle so many different applications with WEST SYSTEM epoxy, we can reduce procurement, storage and training requirements, work far more productively and achieve highly consistent results.”

### The strongest bonds and repairs

The physical properties of WEST SYSTEM epoxy also ensure the best project outcomes. “WEST SYSTEM epoxy is the leading marine epoxy, offering extremely strong bonds between all types of materials,” says Henning. “It is also extremely resistant to water ingress, which means our repairs last longer and our clients get years of trouble-free sailing.”

“Because we can handle so many different applications with WEST SYSTEM epoxy, we can reduce procurement, storage and training requirements, work far more productively and achieve highly consistent results.”

WEST SYSTEM epoxy is the leading marine epoxy, offering extremely strong bonds between all types of materials. It is also extremely resistant to water ingress, which means our repairs last longer and our clients get years of trouble-free sailing.”

### Lower operating costs

With WEST SYSTEM epoxy, Walsteds can work at temperatures as low as 5°C, compared to polyester resin, which requires temperatures of more than 20°C. “Because WEST SYSTEM epoxy cures fully at low temperatures, we can lower our heating costs and maximise our margins,” says Bettina. “As well as enabling us to work productively all year round, WEST SYSTEM epoxy is a safe, reliable product that is good for our employees and good for our business.”

To find out more about HF Industri & Marine, visit <http://www.hfmarine.dk>.

To find out more about Walsteds Boatyard, visit <http://www.walsteds.com>.



Photograph courtesy of Walsteds Boatyard

Challenge	Solution	Benefits
<ul style="list-style-type: none"> <li>Delivering the highest quality standard for customers</li> <li>Maximising the strength and durability of repairs and other projects</li> <li>Working productively year round, often at low temperatures</li> </ul>	<ul style="list-style-type: none"> <li>Walsteds Boatyard uses WEST SYSTEM epoxy on around 50 projects a year</li> <li>Multiple project types – from full restorations to minor repairs</li> <li>Local support from Danish WEST SYSTEM product distributor HF Industri &amp; Marine</li> </ul>	<ul style="list-style-type: none"> <li>Consistently excellent results for clients</li> <li>A single, efficient resin system for a wide range of applications</li> <li>The strongest, most durable, most water resistant repairs</li> <li>Lower heating costs, with full curing at just 5°C</li> <li>Safe for employees in ventilated areas</li> </ul>



## West System International products

**WEST  
SYSTEM®**



### The WEST SYSTEM® range

After nearly five decades of continuous innovation, WEST SYSTEM epoxy is still recognised as one of the best general-purpose marine grade epoxies in the world. It is formulated to ensure ease of use and we also offer the best technical support to all our customers. The range, originally developed for boatbuilding, boasts superior strength and moisture resistance which makes WEST SYSTEM epoxy the number one choice for marine repair and maintenance.

**PRO-SET®**



### The PRO-SET® range

PRO-SET products are used for building high-performance, lightweight composite structures that can withstand the harshest environments. Designed for use in wet lay-up procedures involving woven and multi-axial glass, aramid, carbon-fibre and hybrid fabrics, our PRO-SET resin-hardener combinations have been formulated specifically for laminating, infusion, tooling and assembly. The range has been recently reformulated and expanded to better meet the demands of modern composite manufacturing.



### West System International

Cupernham House  
Cupernham Lane  
Romsey  
SO51 7LF  
United Kingdom

techsupport@westsysteminternational.com  
+ 44 (0) 1794 521111  
www.westsysteminternational.com

West System International is a division of Wessex Resins and Adhesives. It has been working in close partnership with Gougeon Brothers, Inc., the formulators of WEST SYSTEM® and PRO-SET® epoxies, for more than 30 years. WEST SYSTEM and PRO-SET epoxies are manufactured under licence in the UK. WSI has an extensive international distribution network throughout Europe, Africa and the Far East.