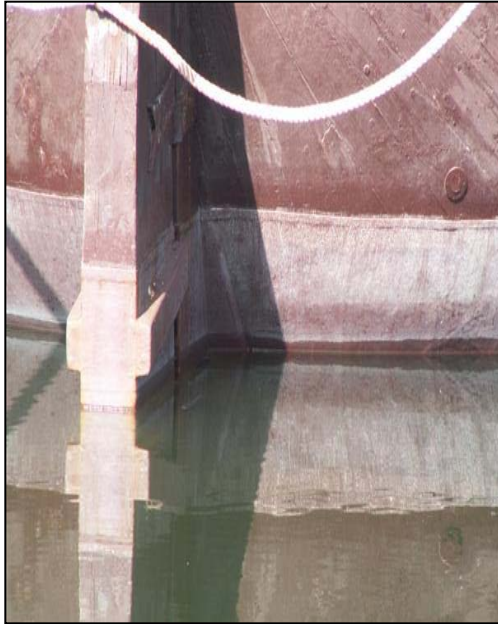


Laminate lining on wood below the waterline

Derakane Epoxy Vinyl Ester Resins – Case History



Location / Year

Replicas of Christopher Columbus' Ship and Caravels made in 1888 (Santa Maria, Pinta, Niña) have been repaired in 2004 for Muelle de las Carabelas, Huelva, Spain.

Fabricator

Plaseman, Huelva, Spain.

Fabrication

DERAKANE 8084 epoxy vinyl ester resin for the primer.

DERAKANE 411 epoxy vinyl ester resin for the laminate.

MEKP/Cobalt curing system

Last layer of laminate lining and C-glass veil colored with ferro-pigment to achieve the original color of the ship

Service Conditions

Seawater, ambient temperature.

Technical Data

Laminate lining on wood below the water line.

Comment / Design

The ships were in bad need for restoration (the wood to be lined was already in a very critical state).

The hull was dried and ground/repared to achieve a smooth, clean surface.

NOTICE : No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN ; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.



Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world. © Registered trademark and ™ trademark of Ashland Inc.
* Registered service mark of the American Chemistry Council, © 2013 Ashland
<http://www.ashland.com>, <http://www.derakane.com>