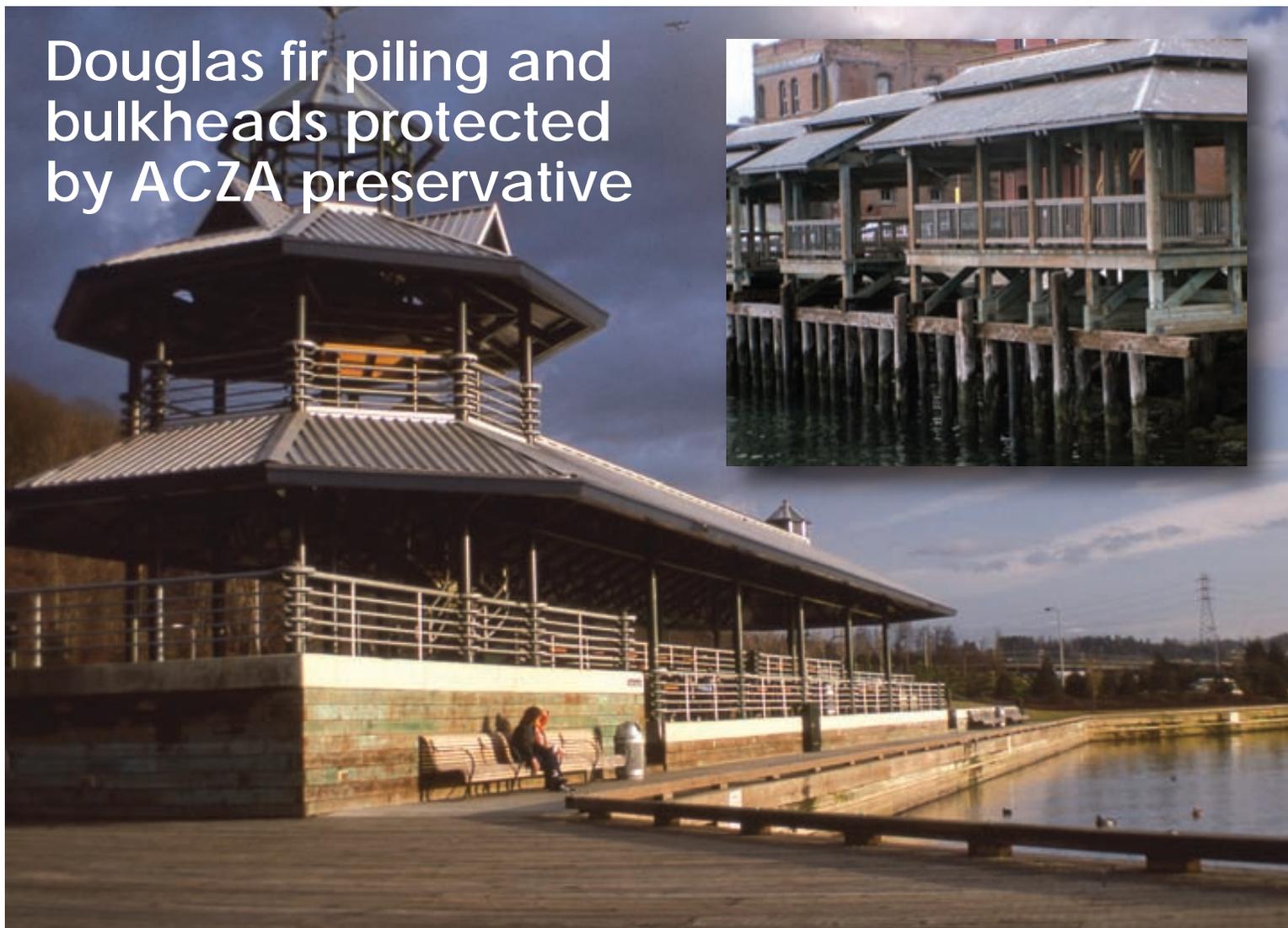


Chemonite® Wood in Marine Use

Douglas fir piling and
bulkheads protected
by ACZA preservative



Douglas fir and ACZA is a match made for heavy duty applications. The strength and resilience of Douglas fir, combined with the long-term protection of Ammoniacal Copper Zinc Arsenate (ACZA) preservative, yield a construction material that has been providing reliable service for decades – in utility poles, building poles, foundation piling, bridge girders, roller coasters, and other demanding applications.

These attributes, plus advantageous environmental and handling features, make ACZA-treated Douglas fir ideal for saltwater exposure as piling, bulkhead material, camel logs, and other marine uses. It is also an economical choice; Douglas fir is a readily available species grown on managed timberlands in western states.

Thunderbolt Wood Treating Company, a privately-owned Treating Service Only (TSO) facility offering expertise in the preservation of Douglas fir, produces timbers, lumber, and poles under the “Chemonite” brand, a registered trademark of Arch Wood Protection, Inc., for ACZA-treated wood.

This wood is treated to the standards of the American Wood Protection Association and can be produced in conformance with the Best Management Practices developed by Western Wood Preservers Institute.

CHEMONITE® ACZA
PRESSURE-TREATED WOOD

Recent Alternative, Dependable History

Proven

Development of the original copper arsenate solution began in the 1920s. The current formulation, ACZA, was accepted in the standards of the American Wood Protection Association in 1982. A quarter-century of successful use attests to the effectiveness of ACZA-treated wood.

Environment

Chemonite[®] wood shares the many environmental attributes of wood itself – most notably: renewable resource, low-energy production, and carbon sequestration. The preservative process adds to these benefits by extending service life, thereby reducing demands on forests and reducing the need for shipping of replacement material.

Strength

The treatment process does not reduce the strength of the wood, although an incising factor may be needed to allow for penetration improvement.

Corrosivity

Years of use have revealed no failures due to corroded hardware. However, the preservative contains elements which could affect inadequately protected metal. Use hot-dipped galvanized or stainless steel hardware in contact with this wood.

Use & Handling

Handling Chemonite[®] wood does not necessitate unusual safety measures beyond those recommended for most other construction materials. These include: Wear gloves when handling, wear safety glasses and dust mask when drilling or sawing, and do not burn treated wood.

Disposal

State and local requirements vary, but, in general, lined landfills accept retired Chemonite[®] wood and scraps in accordance with the same requirements that apply to other building materials. They can also be used as a fuel in approved co-generation facilities. Where questions exist, confirmation from the appropriate local authority is recommended.

Long-lasting

Chemonite[®] ACZA-treated wood is resistant to damage from termites and fungal decay. When used in an application for which it is intended, Chemonite wood can be expected to last for decades.

Producer

Thunderbolt Wood Treating Company is a privately-owned Treating Service Only (TSO) facility located in Riverbank, California. Founded in 1978, it provides a variety of treatments for far-ranging applications. Its ACZA comes from Arch Wood Protection, Inc., world's largest supplier of wood preservatives.

For prices and other order details, contact:

Thunderbolt Wood Treating Company

Riverbank, California

209-869-4561

www.ThunderboltWoodTreating.com

CHEMONITE[®] ACZA

PRESSURE-TREATED WOOD