



A waterfront pier is a big investment and dock pilings are the foundation of that investment. Thunderbolt offers a preservative treatment solution that combines the most effective waterborne wood preservative chemistry in the market and a seamless polyurea barrier coating that encapsulates the preservative and protects the outside of the piling from erosion and damage, creating a unique, long-lasting structural pile.

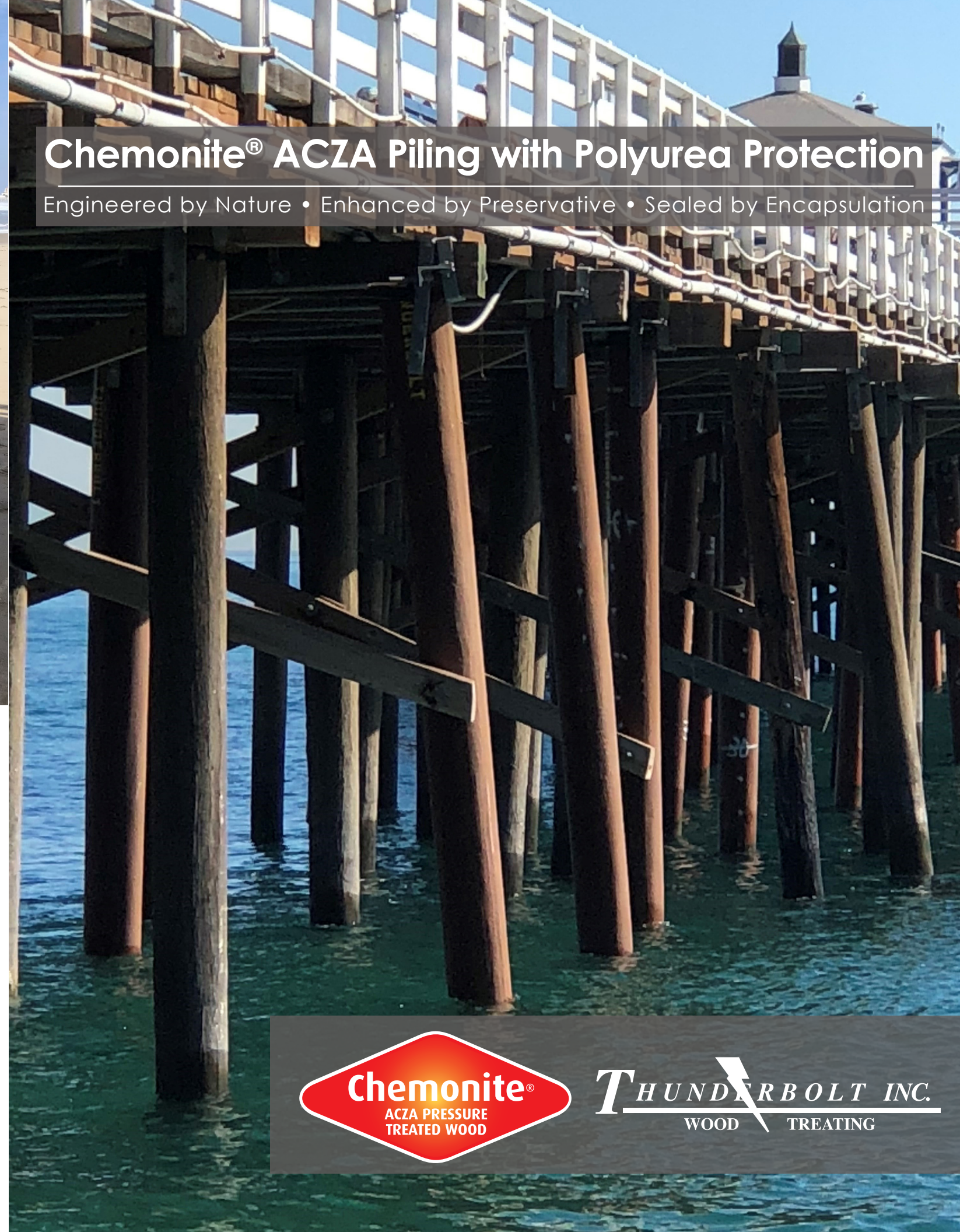


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Chemonite® ACZA Piling with Polyurea Protection

Engineered by Nature • Enhanced by Preservative • Sealed by Encapsulation



The use of wood piling dates back nearly 6000 years when Neolithic tribes first used logs for structural support on soft soil. Since, builders have used piling to support structures and roads and to keep water out or in. Today, wood piling is just as vital and viable as it always has been.

THUNDERBOLT INC.

WOOD TREATING

DUAL PROCESS TREATING SYSTEM FOR MAXIMUM PROTECTION

Chemonite® ACZA Treated Wood Piling

Benefits of Wood Piling

- Economical
- Proven
- Long-lasting
- Strong, durable, resilient
- Availability in emergencies
- Domestically and often locally produced
- Natural appearance
- Rugged handling
- Renewable
- Low energy production
- Carbon storage
- Minimal on-site waste

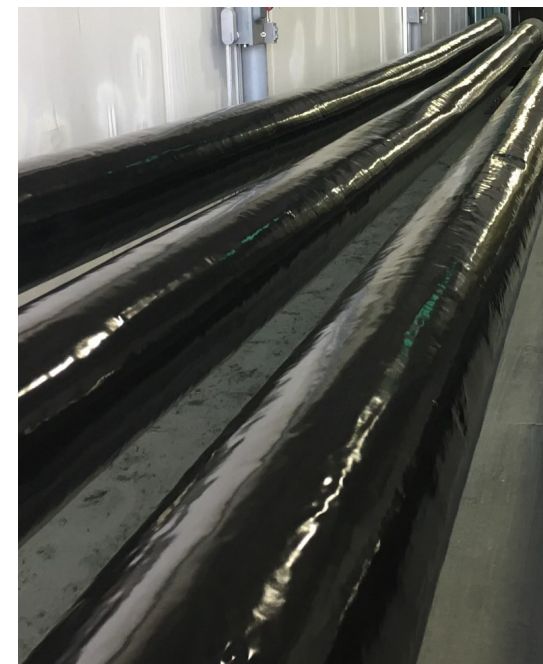
Wood, nature's renewable resource, is a proven, economical building material that is long-lasting as well as strong, durable and resilient.

Piling is treated using a pressure process that forces preservative into the wood, penetrating deeply. The preservative, Chemonite® ACZA, protects against insects such as termites and marine organisms.

It is effective for use in salt and fresh water either immersed or splash and spray exposure. Chemonite® ACZA treated piling will last for years in a marine environment, not only protecting but beautifully highlighting waterfront structures.



Specguard Marine Grade Polyurea Barrier System



SG E375-08 Marine Grade Polyurea Barrier System provides a solution for projects that require marine protection, long term durability and an innovative approach to today's environmental concerns. This Marine Grade Polyurea, which meets the requirements for protective barrier coatings in American Wood Protection Association (AWPA) Standard M27-20, is designed to encapsulate treated timber piles to prevent preservative migration into the environment by protecting the timber piles

from abrasion and mechanical damage. SG E375-08 contains PTMEG and is self-leveling to provide a smooth surface with a gel time that promotes better adhesion to timber products.

Customized for your needs

- Polyurea coating can range in thickness from light duty (125 mils) to heavy duty (250 mils)
- Coating of entire pile may not be necessary and can be specified to length by purchaser
- Contact sales for color options

Benefits of Added Protection

- Designed for use in harsh marine environments where longevity is required
- History of use in a variety of marine environments from cold to warm, humid environments
- Dual process protection - polyurea coating added after pressure treatment
- Applied at manufacturing facility, arriving to construction site ready to install*
- Fully adheres to the contours of the timber surface
- No additional wrapping required
- US Navy approved; recognized and approved by the California Coastal Commission, AWPA, WWPI, California Association of Harbor Masters & Port Captains, Pacific Coast Congress

*While small repairs can be made onsite, this product cannot be applied in the field to existing piles in service. Manufactured for replacement piles and new construction.