

PILE COATING

Alocit has a long history of marine applications, including extensive work on steel and concrete piles and underdecking for port authorities around the world. From New York Harbour to Taiwan, the material has proved its durability and ease of application in the dry, underwater and in the splash zone.



In many cases, Alocit will be chosen because of problems with a project - either coatings that have failed or that cannot be applied because of poor conditions. Once used, however, it becomes the product of choice because of its high adhesion and longevity.

In customer testing, on wet previously coated steel surfaces prepared to SA 2.5 in freezing temperatures, Alocit achieved between 1500 and 2000 psi in pull-off tests. All failures were in the glue line, none in the coating - and records show Alocit applications lasting more than 30 years.

The main criteria for successful application is surface profile. The substrate can be wet, oily or underwater but, providing a good surface profile is present, a strongly adherent, hard-wearing coating is easy to achieve.



TYPICAL EXAMPLES OF ALOCIT APPLICATION

- **Alabama, USA:** Cofferdams are used to facilitate the application of Alocit to 20,000 ft² of sheet piling for Theodore Industrial Port in Mobile.
- **Dung Quat, Vietnam:** 45,000 kg of Alocit is used to refurbish and recoat previously failed coatings above and below water.
- **Mai Liao port, Taiwan:** a huge land reclamation project required the application of Alocit to more than 40,000m² of steel and concrete piling and under-decking.
- **New York Harbour:** Sheet piling repair has been carried out for many years by the Port Authority of New York and New Jersey using Alocit coatings in the splash zone and below water.
- **Pascagoula Port Authority, USA:** 10,000 ft² of sheet piling coated with Alocit products.

Top: Mai Liao port in Taiwan

Bottom left and right: Before and after application of Alocit to sheet piles in Mobile, Alabama.



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