

SPLASH ZONE



Alabama-based, Commercial Diving Services (CDS) have been using Alocit coatings since 2004 on subsea and splash-zone marine structures around the Gulf Coast and in the Caribbean. During this time they have coated more than 300,000 ft² of sheet piling in Alabama, Mississippi & Florida - much of it on failed or damaged coatings.

CDS President, Doug Christopher, has been involved in commercial diving since 1979 and the company, has been based in Alabama since 1997. They have been using Alocit since 2004 when they were approached by ship and oilfield services company, Core Industries, owners of Theodore Industrial Port in Alabama. The inquiry concerned 1700 linear feet of sheet pile bulkhead that had been found to have a sub-standard factory-applied coating. The company later discovered that the same factory had supplied many sites with similarly sub-standard coatings.

Commercial Diving were asked to come up with an underwater coating that would protect the sheet piles in the splash-zone area from four feet below to two feet above water level. After testing several coatings for underwater application without success, CDS was advised by a retired USACE Compliance and Processes Engineer that they should try Alocit. According to the engineer, he had experience with Alocit when he worked with Corps and had found it to be much the best product for wet-area applications. The product was acquired and tested in the same fashion as the previous coatings and found to be much more effective than any of the others - easier to apply, good coverage and great adhesion to the wet substrate.

As a result, Commercial Diving brought in Alocit



CDS coated the ancient Middle Bay Lighthouse, built in 1865, with Alocit 28:15. The structure is located offshore from Mobile, Alabama, in Middle Bay.

International Technical Director, Simon Haycox from the UK to the US to train and assist with surface preparation and application of Alocit.

The success of that project led to the recoating of sub-standard sheets from the same factory including Roatan Honduras, a seven-month project on a Carnival Cruise Line dock, a post Hurricane Katrina cut off wall coating for Corps of Engineers in Belle Chasse LA, Port of

Below left & right: Technip USA Theodore Spoolbase Quayside Bulkhead - before and after application





Left: Steel shipping facility ELG Metals Mobile Alabama sheet piles refaced and coated with Alocit 28:15.

Below: Orange Beach, Alabama toll bridge blasting and coating with Alocit 28:15, before and after.



Panama City FL, and many more. 'These projects stand up to wear extremely well', Doug says. 'The job we did for Core Industries in 2004 was just inspected in 2020 and the original coating is still as shiny as the day we installed it, after you clean off the marine growth. We have been back a few times to repair collision damage areas, but with just normal wear the sheets coated with Alocit are still in amazingly good shape'.



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