

# ALOCIT COATINGS

Our coatings have a long history of problem solving around the world. They are uniquely engineered to adhere on the most challenging substrates, while at the same time maintaining a high level of usability - without sacrificing environmental standards. 100% solids and VOC free, Alocit coatings can be applied using brush, roller or spray (airless or using dual-component pump). High standards of manufacture and quality control, constantly monitoring color consistency and application quality, is at the heart of Alocit's ability to keep on performing, even when the going gets tough.

## So...what makes Alocit so great?

### You can apply it to the wettest of surfaces

The flange bolts shown below are from an application to constantly sweating pipes running at 3°C in high humidity on an industrial cooling system, under the Petronas Towers in Malaysia.



### It can be used on oily surfaces

Oil-soaked bund areas, can be coated with Alocit, preventing escape into the environment. The floor below is in a railroad maintenance tunnel, covered in oil before being coated with Alocit.



### It gives fantastic adhesion

Tests on the USS Detroit showed adhesion beyond the ability of the testing equipment they were using (above 1000 p.s.i.)



## 'Performing flawlessly in severe service'

US NAVY REPORT



### It is very hard wearing and long-lasting

The Dutch Navy use Alocit because it stands up so well in its tanks to abrasion. In Germany, on water treatment plants, case histories show more than 30 years constant use in aggressive waste water without deterioration

### Use it straight after water-jetting

Independent testing, using coatings on surfaces exclusively prepared using UHP water-jetting, showed Alocit to have nearly twice the adhesion of its nearest rival. NAVSEA PPIs allow Alocit 28.15 to be used without drying surfaces.

Where you can use it ...

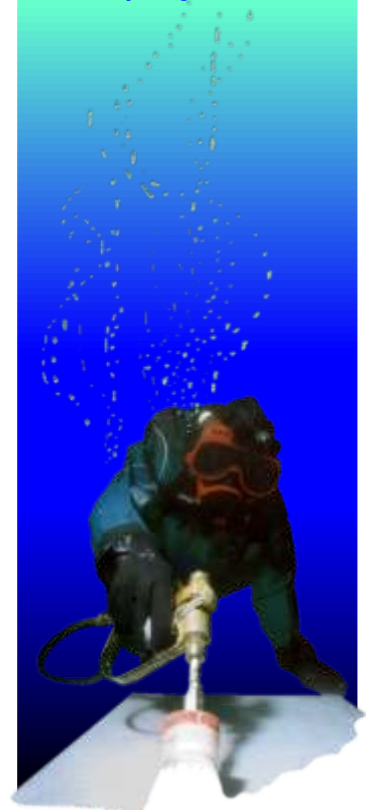
On dry or wet surfaces  
Steel or concrete  
On oily surfaces  
In fresh or salty water  
Down to 36°F

Why you should use it ...

Hard wearing  
Easy to apply  
Resists MIC & ALWC  
Lasts up to 30 years

What industries are using it ...

On and Offshore  
Marine installations  
Government & Utilities  
Military Organisations



## Alocit in action ...



### Shell in Texas on sweating pipes

Competitive testing by Shell to find the most suitable coating for cold pipes (2°C), streaming with water in the warm Gulf climate, found Alocit 28.15 to be the most suitable coating for such situations. Following testing, Alocit was given global approval by Shell.



### Alabama & New York Harbor on sheet piles

Chosen because Alocit 28.15 adheres so strongly and is surface tolerant, with no need to worry about oil or water contamination. Alocit coatings have been in use by the Port Authority of New York & New Jersey for many years – on tunnels, airports and sheet piles in the harbor.



### After water-jetting

Complete refurbishment of large SBM in tropical marine conditions. Water jetting with garnet was used to prepare surfaces - with painters following immediately after. Shell engineers estimated 30% cost saving using Alocit.



### USS Detroit

A full-scale Alocit application in the Detroit's port shaft alley bilge was completed in 2000 as part of the NAVSEA approval process. A NAVSEA commissioned inspection by CES in 2001 found the Alocit 28.15 coating to be 'performing flawlessly in severe service'.

### US Army Corps of Engineers

Alocit is one of only three coatings listed by USACE as meeting its criteria for application on wet areas – and it's the only one of them that can be applied underwater!

### Rapid Transit System in Singapore

Using an Alocit primer, steam-cured concrete casting sections for the MRT tunnel were coated within minutes, without waiting for the concrete to dry instead of waiting for the moisture content of the concrete to fall. Removing the waiting, storage and extra handling brought major cost savings



## Product Information

### Alocit 28.15 Epoxy Coating Finish

Outstanding adhesion on oily & damp surfaces, under water and in splash zone. Hard-wearing, easily-cleaned two-part epoxy finish for concrete, steel and ironwork. Resistant to light acids, oils, sewage, mechanical wear and chemical attack. Coating can be applied on dry, oily, wet, or even underwater surfaces. High build (200 - 400 microns) per coat.

### Alocit 28.14 Epoxy Primer Coating

100% solids, zero VOCs two-pack epoxy primer containing zinc. Outstanding adhesive qualities on both wet and dry surfaces, providing excellent corrosion control. Can be used in conjunction with Alocit 28.15 as a primer to blasted surface. Indispensable where wet or moist or slightly oily conditions exist.

### Alocit 28.96 Thixotrope

A thixotropic variant of 28.95 specifically designed for vertical and overhead application - Use as an adhesive on construction materials or filler to repair cracks and holes.

### Alocit 28.95 Epoxy Primer

Two-part, clear epoxy primer with a low viscosity for repair of cracked concrete, even if damp or wet. Use on dry or damp surfaces as a bonding agent, sealer, injection sealer or primer for repair and construction. Primer for other Alocit products.

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