

# PROBLEM SOLVING



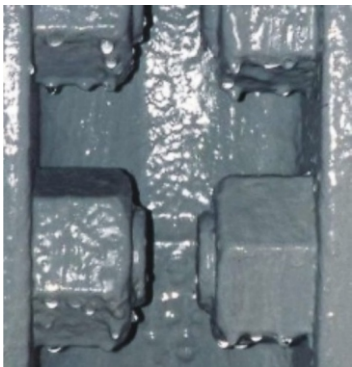
**alocit**systems

Alocit coatings have a long history of problem solving around the world. They adhere strongly to the most challenging substrates, especially in the wet and underwater, maintaining high performance levels in all conditions without sacrificing environmental standards. Uniquely designed for durability and ease of use, Alocit products are solvent free and can be applied using standard application techniques and equipment.

## 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 38°F 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

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

QUOTE FROM NAVSEA INSPECTION 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 to use it ...

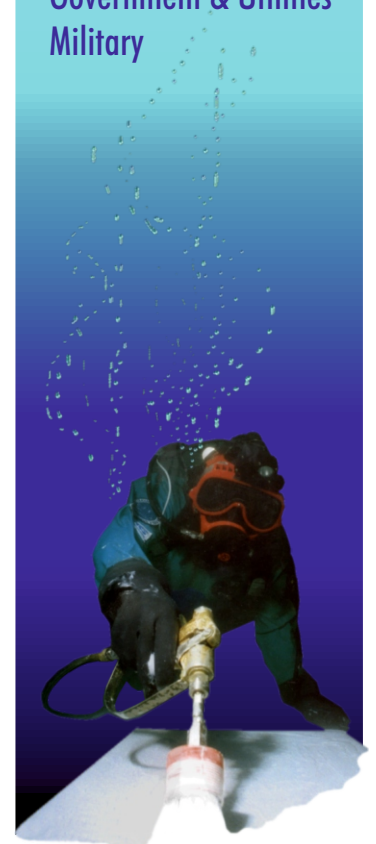
On dry or wet surfaces  
Steel or concrete  
On oily surfaces  
In fresh or salty water  
Down to 36°F

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



# Alocit in action ...



## Shell in Texas on sweating pipes

Competitive testing by Shell to find the most suitable coating for cold pipes (34°F), 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.

## In Alabama & New York Harbor on sheet piles

Chosen by contractors 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 and New Jersey for many years – on tunnels, airports and sheet piles in the harbor.



## In Asia, after water-jetting

Large SBM in tropical marine conditions requiring complete refurbishment. 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 has been used by USACE for many years and is one of only three coatings they list as meeting its criteria for application on wet areas – and it's the only one 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

High-build, zero VOC self-priming coating with outstanding adhesion on oily & damp surfaces, underwater and in the splash zone. Hard-wearing, easily-cleaned two-part epoxy finish for concrete and steel. Resistant to light acids, oils, sewage, mechanical wear and chemical attack.

Alocit 28.15 can be used on dry, oily and wet surfaces, making it ideal for underwater application.

### Alocit 28.14 Epoxy Primer Coating

100% solids, zero VOCs two-pack epoxy zinc-rich primer. Outstanding adhesive qualities on both wet and dry surfaces, providing excellent corrosion control.

Alocit 28.14 can be used in conjunction with Alocit 28.15 when required as a primer for freshly blasted surfaces. Indispensable where wet or moist or slightly oily conditions exist.

### Alocit 28.95 Epoxy Primer

Two-part, clear epoxy primer with a very low viscosity for application on concrete, even when surfaces are damp or wet.

Use Alocit 28.95 on dry or damp surfaces as a bonding agent, sealer, injection sealer or primer for repair and construction. Primer for other Alocit products on cementitious surfaces, particularly at temperatures below 53°.

### 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 etc.



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