Sigmautama Paint
TRUST, PROTECT, AND COMMIT

UNDER WATER CURED APPLICATION

SIMAGUARD UWC EP COATING 2410-00

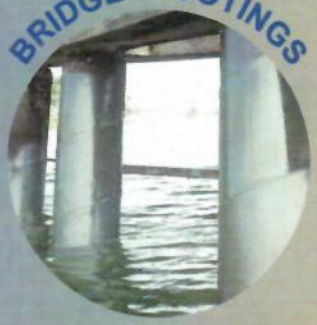
PRODUCT DESCRIPTION

* Two component amine cured epoxy
* Can be applied to steel and concrete above and under water without primer
* 100% solid coating and present no environmental hazard
* Non toxic and will not pollute water environments either during or after cure

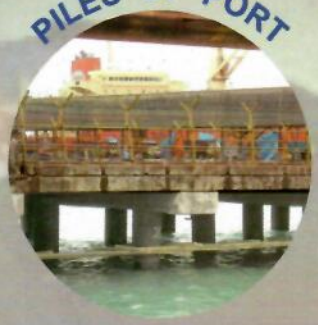
PRINCIPAL USES

Simaguard UWC EP Coating can be applied above water, through the splash zone and under water, it offers protection to concrete and metal structures.

BRIDGE FOOTINGS



PILES OF PORT



PLATFORMS

PONTOON

PRODUCT INFORMATION

Sigmautama Paint
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PAINTING OF UNDER WATER APPLICATION COATING

SURFACE PREPARATION

Steel :
- Surface to be coated should be free from oil, dirt, marine growth, sharp edges, weld splatter etc. Optimum performance of UWC Coating will be obtained if the surfaces are cleaned by abrasive blasting to :
  1. White metal
  2. Surface profile 50 - 75 microns

Concrete :
Remove all dirt, oil, grease, etc and any loose material.
All laitance to be removed by light grit blasting or high pressure water blasting for optimum adhesion of coating.
Big holes and honeycomb areas in concrete should be filled with an approved grout prior to application of UWC Coating.

Before application

Process Application

AFTER application

MIXING INSTRUCTION

1. Remove lid from base component can and mix without entrapping air to ensure may material settled out on bottom of the can is re-dispersed to produce a homogenous blend.
2. Pour all contents of Hardener component can into the can Base component and mix thoroughly for approximately 5 minutes without entrapping excess air.
3. Mixing ratio base : hardener = 1 : 1

METHOD of APPLICATION

1. It is recommended that SIMAGUARD UWC EP COATING be applied using the speciallly developed product application machine (PAM), spray application onto dry or wet substrates above water, power fed brush or roller application underwater.
2. Application should be carried out only by personal experienced with chemically reactive coatings.
3. Operation of this unit is fully covered in the Operation & Maintenance Manual supplied with the equipment.
4. Alternative methods are brushing and hands gloves

PROJECT REFERENCES

PT. Pupuk Kalimantan Timur, 2007

PT. Kalimantan Methanol Industri , 2008

PT. Kaltim Parna Industri, 2009

PT. Asahimas Ltd, 2009

PT. Pertamina Marine Service, 2012

PT. Kaltim Parna Industri

PT. Pertamina Marine Service

PT. Pupuk Kalimantan Timur

PT. Kaltim Methanol Industri

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