



Long Term - Heavy Duty Epoxy Coating

ECOMAX

Corresponding on various environments

Excellent overcoatability

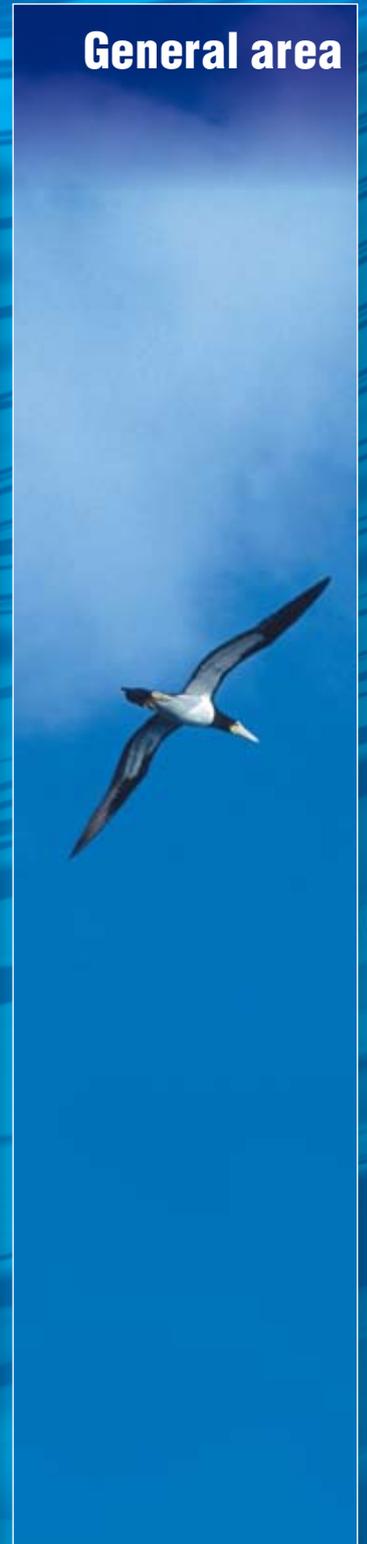
High-Build

Onshore

Offshore

Underwater

General area



CHUGOKU MARINE PAINTS, LTD.

Eco Friendly Heavy Duty Coating

Excellent Overcoatability

High-Build

Applicable to various environments

No tar, no heavy metal epoxy primer

Long Term Heavy Duty Epoxy Coatings

ECOMAX S-HB

ECOMAX S-HB, which has an excellent performance than tar epoxy coating, is heavy duty high build type epoxy coatings adaptable to various coating environment. For cold weather, there is also a lineup of polyurethane resin type of "ECOMAX QL S-HB" & "ECOMAX

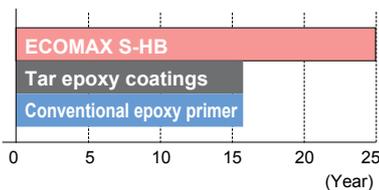
Characteristics

- 1 Excellent long term anti-corrosive performance
- 2 Prevent from sagging and holiday of flow out (up to DFT 700µm)
- 3 Bright tone of color by containing no tar
- 4 Available for concrete, rubber lining and iron
- 5 Long sustainable system for underwater facilities and pipe internal

Comparison of performance

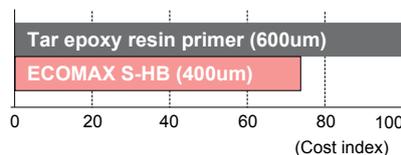
Service life

(Immersion/600um)



Cost index

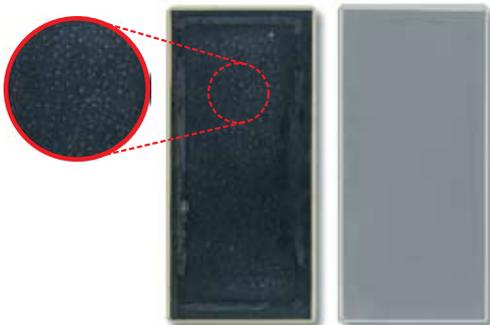
Index 100 is based on the cost of tar epoxy primer for 15 year service life.



Anti corrosive property

DFT 700µm	Temperature gradoemt test 20°cold water / 50°hot water	Immersion test salt water
	ECOMAX S-HB	480H Good condition
Tar epoxy primer	240H Blistering	Good condition
Conventional epoxy primer	240H Blistering	Good condition

Immersion test (temperature gradient)



Tar epoxy coatings ECOMAX S-HB

Immersion test (salt water)



Tar epoxy coatings ECOMAX S-HB

High build type 600um/per (dry)

Application efficiency

Tar Free

Heavy metal pigment free

Recommended use

For onshore power facilities, power plants, steel structure, offshore structure and concrete in various situations

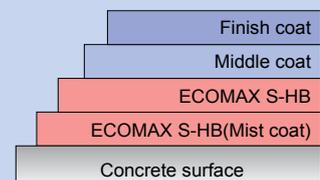


Water pressure steel pipe



Floodgate

Standard paint specification



*Please contact us for the details

Multifunctional primer possessing adherent to Silicone resin

Ultra functionality long term anticorrosive epoxy primer

ECOMAX Bi

ECOMAX Bi is special primer has good adhesion with silicone coatings, thus it lead to save time & cost of your paint application. It has good anticorrosive property more than conventional tar epoxy primer, without containing such as heavy metal pigments.

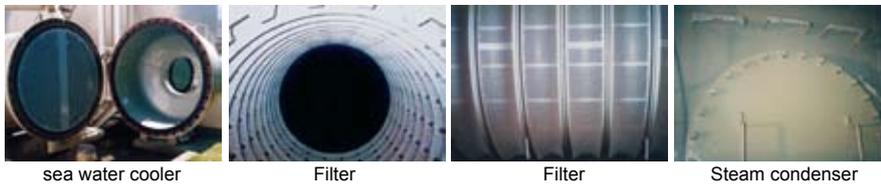
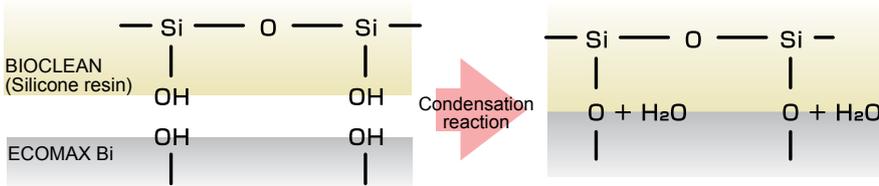
Characteristics

- 1 Able to direct apply BIOCLEAR“Silicon foul release coating”
- 2 Excellent anti-corrosive property than tar epoxy coatings
- 3 Coloring bright tone by containing no tar
- 4 Enable saving time & cost by high DFT
- 5 Available for concrete, rubber lining and steel

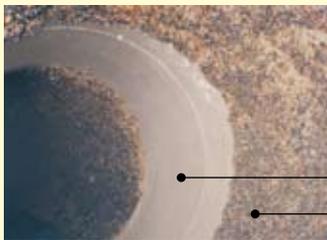
Adhesion mechanism

The reason why it adheres to silicone coatings?

By orienting hydrolysis group into the surface of coating film of ECOMAX Bi, polar group and hydroxyl group of the silicone resin coagulates and makes adherence.



BIOCLEAR ECO



Power plant-circular pipe internal (3years)

BIOCLEAR ECO prevents adhesion of marine growths and shellfish by degenerating lower surface tension silicone synthetic resin by specific surface conditioner that resembles epidermal of dolphin in creating smooth surface. The product has been highly appraised as eco friendly anti-fouling system in many power plants globally.

Coated area

Other area

High build type 300μ/coat(DFT)

Tar free

Heavy metal free

Recommended use

For steel structure and concrete as undercoat of silicone system

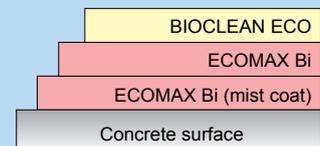
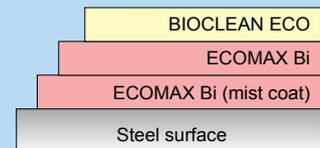


Circulating water pipe



Circulating cooling channel (concrete)

Standard paint specification



*Please contact us for the details

Long Term - Heavy Duty Epoxy Coating

ECOMAX



Floodgate at power plant



Screen at power plant



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