



Long - Term Protective System Primer

ECOMAX HB Series

Non Tar Epoxy Resin Coatings

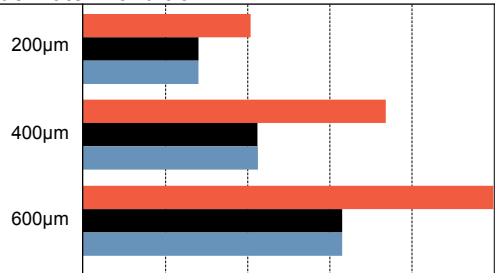
CMP CHUGOKU MARINE PAINTS, LTD.

supplier : manage@findotek.com



Comparison for service life expectation by D.F.T.

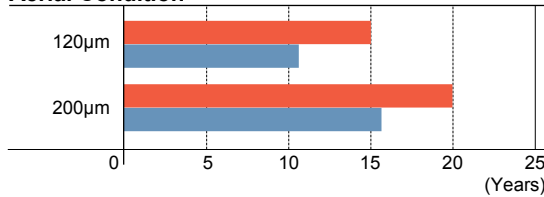
Underwater Condition



Explanatory note

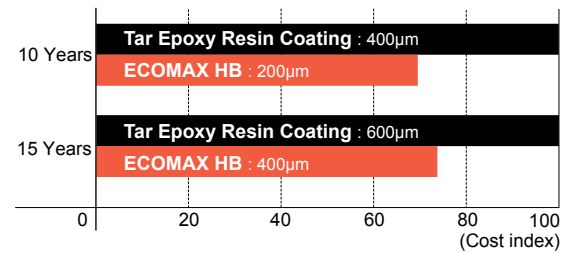
- ECOMAX HB
- Tar Epoxy Resin Coating
- General Epoxy Resin Coating

Aerial Condition



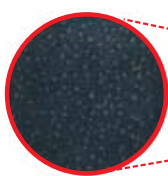
Comparison for cost index

Cost index (Tar epoxy resin coating = 100)
Underwater Condition Graph Explanatory note



Comparison for protective performance

| | Resistance to temperature gradient By accelerated temperature gradient test (Top surface contacts to 50 degree Celsius hot water Back surface contacts to 20 degree Celsius water) | | Resistance to salt water By water immersion method (ISO 2812-1, 50 degree Celsius, period : 5 months) | |
|-----------------------------|---|--------------------|---|--------------|
| | D.F.T. 200µm | D.F.T. 400µm | D.F.T. 200µm | D.F.T. 400µm |
| ECOMAX HB | 480 Hrs No defect | 480 Hrs No defect | No defect | No defect |
| Tar Epoxy Resin Coating | 240 Hrs Blistering | 240 Hrs Blistering | No defect | No defect |
| General Epoxy Resin Coating | 240 Hrs Blistering | 240 Hrs Blistering | No defect | No defect |



Tar Epoxy Resin Coating



ECOMAX HB



Tar Epoxy Resin Coating



ECOMAX HB

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Non Tar Epoxy Resin Coatings

For a long time, tar epoxy resin coatings had been applied to deliver good protective performance and economical coating on steel structures in severe condition such as underwater facilities and pipe internal. However the recent market demands tar free type coatings due to some features of tar epoxy resin coatings such as carcinogenic risk, colour limitation, short interval of over coatings, tar bleeding to over coatings, etc. We, Chugoku Marine Paints newly developed high - build tar free epoxy resin coating, " ECOMAX HB Series " for the long - term protective system. It has good protective performance more than tar epoxy resin coatings and has even solved the said disadvantage of tar inclusion coatings. Furthermore, this tar free coating materials are human - friendly.

Advantages

Advantages in Performance

Excellent long term anti-corrosive performance

Excellent application workability

Excellent water resistance

Excellent physical properties such as toughness, impact and abrasion resistance

Application on carbon steel and concrete both available

Ensures the long - term protection for both aerial and underwater condition

Advantages for Human & Process

Available to (super *) high - build per single coat

Infinitely improved disadvantages of tar epoxy such as sagging and droplets.

* : Available up to 700 microns D.F.T. per coat by ECOMAX S-HB

Reduction of coating procedure available by its high-build applicable

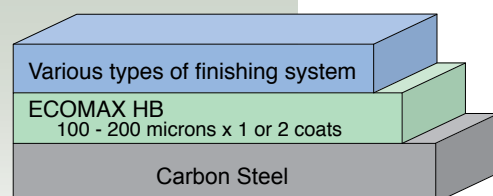
Hygienical improvement by tar free

Colour variation and tint colours available

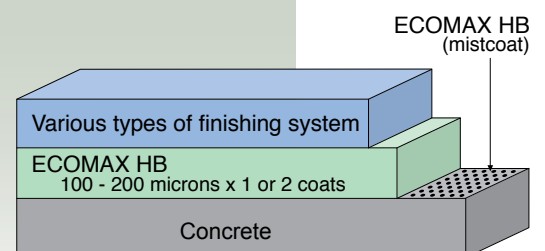
Improved over coating interval

Standard Coating Specification

Steel Substratum



Concrete Substratum



Surface Preparation : Abrasive Blast Cleaning SSPC - SP10

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Recommended Use

For industrial plants, power plants, bridges, penstocks, offshore structures, etc.
Super durable coating system for steel and concrete structures on both aerial and underwater condition.



Standard Colour

Grey

Light grey



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Website: <http://www.cmp.co.jp>

* The information given in this sheet is effective at the date shown above and subject to revision from time to time without notice.

* Prior to use, please read carefully this Technical Data Sheet, Material Safety Data Sheet (MSDS), and label on the package of our products.

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