SCG CEMENT

Elephant Marine Cement

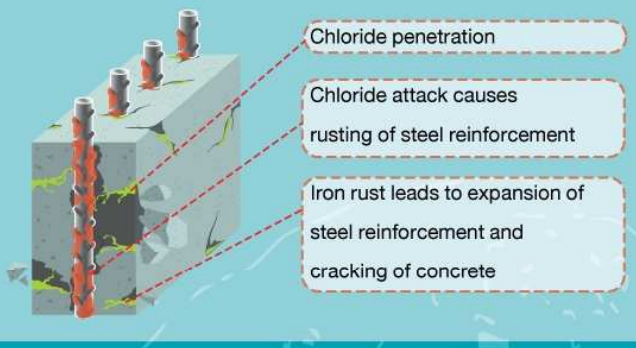
Resistant to aggressive sulfate and chloride attack

For construction near the sea, brackish water areas,
or those exposed to seawater or sea humidity

Elephant Marine Cement

Resistant to aggressive sulfate and chloride attack

In marine environment, chloride and sulfate attack causes rusting of steel reinforcement and cracking of concrete.

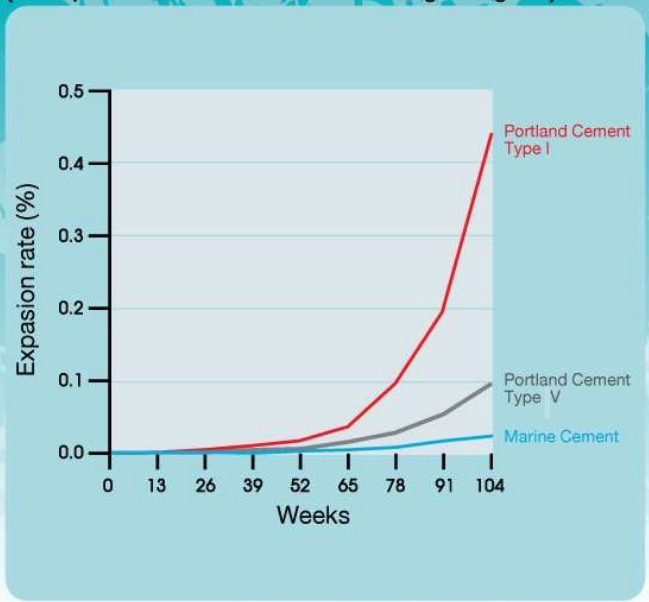


Marine Cement or, in other word, Portland Blast-Furnace Slag Cement Type IS, has been developed to resist chloride and sulfate attack, thereby preventing the penetration of chloride and sulfate, and extending the service life of concrete in marine environment.

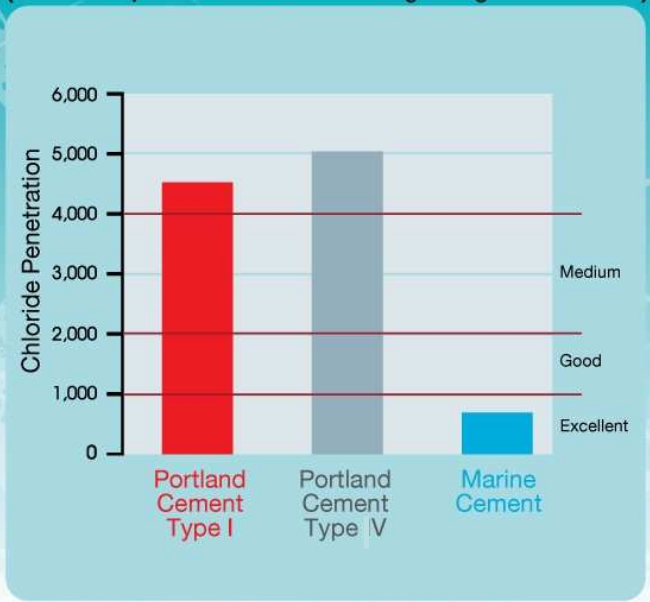
- ☑ Superior chloride and sulfate resistant
- ☑ Long service life in marine environment
- ☑ Complies with ASTM C 595 standard

Portland Type I buildings that are exposed marine environment

Graph 1 : Marine Cement is highly resistant to sulfate attack
(low expansion rate of concrete indicates longer usage life)



Graph 2 : Marine Cement is highly resistant to chloride penetration
(low chloride penetration rate indicates longer usage life of concrete)



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