What is claimed is:

1. A marine engineering admixture, comprising the following raw materials in parts by weight: 65 parts of superfine slag powder and 32 parts of coal ash, and 3 parts of an actuator, wherein the above raw materials are compounded in proportion and then stirred well, thus obtaining the marine engineering admixture,wherein the superfine slag powder is superfine slag powder S95 with a specific surface area of 420$m^2$/kg,

wherein the coal ash meets the relevant technical indicators of GB/T1596-2017 “Coal Ash Used in Cement and Concrete” and has a water content of ≤1.0% and a $SO_3$ content of ≤3.0%,

wherein the actuator is sodium sulfate.

2. A concrete for marine engineering, wherein the concrete is concrete C30 and composed of, by weight: 126 parts of the marine engineering admixture according to Claims 1, 252 parts of cement, 788 parts of medium sand, 1004 parts of gravel, 5.67 parts of additives and 192 parts of water.