CLAIMS

1. A mixed cement comprising: 20 ~ 40 mass% of coal ash and 60 ~ 80 mass% of Portland cement with respect to the total amount of the coal ash and the Portland cement,

wherein a SiO_2 content is 55 ~ 60 mass% or lower and a mass ratio SiO_2/Al_2O_3 is 2.3 ~ 2.7 or lower in the coal ash;

100 ~ 300 mg/kg of triethanolamine, and

a mass ratio (the amount of Fe in a crystal phase/the amount of Fe in the coal ash) of an iron content in a crystal phase of the coal ash to an iron content in the coal ash is 0.10 ~ 0.17.

2. The mixed cement according to claim 1 or 2,

wherein the sum of the SiO_2 content and an Al_2O_3 content in the coal ash is 75 ~ 86 mass%.

3. The mixed cement according to any one of claims 1 or 2,

wherein a Fe_2O_3 content in the coal ash is 5.0 ~ 8.0 mass%.

4. The mixed cement according to any one of claims 1 to 3,

wherein an insoluble residue (insol) content in the coal ash is 75 ~ 87 mass%.

5. The mixed cement according to any one of claims 1 to 4,

wherein a Blaine specific surface area of the coal ash is 2500 ~ 4000 cm^2/g.

6. The mixed cement according to any one of claims 1 to 5, wherein a content of the coal ash is 25 ~ 35 mass% and a content of the Portland cement is 65 ~ 75 mass%.