Claims

1. A hydraulic composition consisting essentially of
calcium carbonate, and
at least one material selected from blast furnace slag, an expansive additive, slaked lime, quick lime, fly ash and Portland cement, wherein
a content of the calcium carbonate is in a range of 30 percent by mass to 95 percent by mass, and
the calcium carbonate is light calcium carbonate.

2. The hydraulic composition of claim 1 further comprising an expansive additive in a range of 2 to 9 percent by mass.

3. A hydraulic composition of claim 2 further comprising blast furnace slag and slaked lime, wherein
the blast furnace slag is ground granulated blast furnace slag,
a content of the expansive additive is in a range of 3.8 percent by mass to 9 percent by mass,
a content of the slaked lime is in a range of 2.3 percent by mass or more, and
a content of the blast furnace slag in total materials of the hydraulic composition except for calcium carbonate is 40 percent or more by mass.

4. The hydraulic composition of any one of claims 1 to 3 further comprising Portland cement at a content of 30 percent by mass and below in materials except for the calcium carbonate.

5. A hydraulic composition mixed material comprising the hydraulic composition of any one of claims 1 to 4 and a nitrate compound, wherein the hydraulic composition mixed material comprises the nitrate compound at a content of 1 to 3 percent by mass calculated as a nitrate ion relative to the hydraulic composition of 100 percent by mass.

6. A hydraulic composition mixed material comprising the hydraulic composition of any one of claims 1 to 4 and at least one selected from a fiber material, an aggregate and a chemical admixture.

7. A hydraulic composition mixed material comprising the hydraulic composition of any one of claims 1 to 4, a nitrate compound, and at least one selected from a fiber material, an aggregate, and a chemical admixture, wherein the hydraulic composition mixed material comprises the nitrate compound at a content of 1 to 3 percent by mass calculated as a nitrate ion relative to the hydraulic composition of 100 percent by mass.

8. A hardened body being configured with the hydraulic composition of any one of claims 1 to 4.

9. The hardened body of claim 8, wherein a surface is polished.

10. A hardened body being configured with the hydraulic composition mixed material of any one of claims 5 to 7.

11. The hardened body of claim 10, wherein a surface is polished.