CLAIMS

[1] A gypsum-based self-leveling material composition comprising:

a base material component comprising gypsum hemihydrate as an essential component and optionally comprising at least any one of an inorganic aggregate and cement as an optional component; and

an additive, wherein:

when the total amount of the base material components is assumed to be 100 parts by mass, a content of the gypsum hemihydrate is 55 to 100 parts by mass;

the gypsum hemihydrate comprises α-gypsum hemihydrate and β-gypsum hemihydrate, and when the total amount of α-gypsum hemihydrate and β-gypsum hemihydrate is assumed to be 100 parts by mass, a content of α-gypsum hemihydrate is 80 to 90 parts by mass, and a content of β-gypsum hemihydrate is 10 to 20 parts by mass, and further, when the total amount of the base material components is assumed to be 100 parts by mass, the content of β-gypsum hemihydrate is 20 parts by mass or less; and

a change in length, specified in JASS 15M-103 (quality standards for self-leveling materials), is 0.05% or less.

[2] The gypsum-based self-leveling material composition according to claim 1, wherein when the total amount of the base material components is assumed to be 100 parts by mass, the content of the gypsum hemihydrate is 55 to 100 parts by mass, the content of the cement is 0 to 25 parts by mass, and the content of the inorganic aggregate is 0 to 30 parts by mass.

[3] The gypsum-based self-leveling material composition according to claim 1 or 2, wherein the cement is any one selected from the group consisting of normal Portland cement, high-early-strength Portland cement, blast furnace cement, and alumina cement.

[4] The gypsum-based self-leveling material composition according to any one of claims 1 to 3, wherein constituents of the base material are the gypsum hemihydrate and the cement.

[5] The gypsum-based self-leveling material composition according to any one of claims 1 to 3, wherein the inorganic aggregate is calcium carbonate.

[6] The gypsum-based self-leveling material composition according to claim 1, wherein when the total amount of the base material components is assumed to be 100 parts by mass, the content of the gypsum hemihydrate is 100 parts by mass, and the optional components are not contained.