

ABSTRACT

A neutron beam shielding gypsum-based building board includes gypsum, a boron-containing material containing boron an amount of which is in a range from 1.0 parts by mass to 120 parts by mass with respect to 100 parts by mass of the gypsum, and a water reducing agent in a range from 0.05 parts by mass to 2.0 parts by mass with respect to 100 parts by mass of the gypsum. The boron-containing material includes one or more kinds selected from calcium borate, boron carbide, boric acid, boron oxide, sodium borate, and calcium boride, and a specific gravity in a dry condition is in a range from 0.65 to 1.6.

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No Suitable Figure