

Abstract

Provided are a reflective member, which can be prevented from being broken even in a high-temperature environment at the time of its production and its use while generating no dust at the time of its use, having a high fracture strength, and maintaining a high reflectance, and a method of manufacturing a glass laminate member suitable as the reflective member. The reflective member has a laminated structure in which transparent quartz glass members are formed on an upper surface and a lower surface of an opaque siliceous sintered powder layer, wherein the opaque siliceous sintered powder layer has a thickness of 0.1 mm or more and a thickness distribution of ± 0.05 mm or less, wherein, when a load is applied to each of the transparent quartz glass members on an upper surface and a lower surface of the laminated structure in a direction parallel to the laminated structure, the reflective member is fractured at a load of 5 N or more per square centimeter, and wherein the laminated structure includes, in a boundary between the opaque siliceous sintered powder layer and each of the transparent quartz glass members of the laminated structure, a semi-transparent portion having a width of 0.01 mm or less, which has an intermediate opacity between an opacity of the opaque siliceous sintered powder layer and an opacity of each of the transparent quartz glass members.

[Figure 1]