

Abstract

Provided are a heat reflective member, which is prevented from being broken even in a high-temperature environment at the time of its manufacturing and its use while maintaining a high reflectance, generates no dust at the time of its use, and can be washed with a chemical liquid, and a method of manufacturing a glass member with a heat reflective layer suitable as the heat reflective member. The heat reflective member is a heat reflective member having a laminated structure in which quartz glass layers are formed on an upper surface and a lower surface of a siliceous sintered powder layer, wherein the heat reflective member includes: an impermeable layer which is formed at a portion of the siliceous sintered powder layer at an end portion of the heat reflective member, which has a thickness at least larger than half of a thickness of the siliceous sintered powder layer, and through which a gas or a liquid is prevented from penetrating; and a buffer layer which is formed between the impermeable layer and the siliceous sintered powder layer, and which changes in density from the impermeable layer toward the sintered powder layer.

[FIGURE 1]