CLAIMS

1. A sandwich panel comprising:

a first plate member which is metallic;

a second plate member which is arranged to face the first plate member and metallic;

a spacer unit which is metallic and formed in a shape of a rectangular frame and interposed between the first plate member and the second plate member; and

a core member arranged in a region surrounded with the spacer unit between the first plate member and the second plate member,

the spacer unit being made up of a plurality of spacers that are formed as separate members,

the plurality of spacers including at least one straight tubular spacer,

the first plate member being bonded to a surface, facing toward the first plate member, of the core member,

the second plate member being bonded to another surface, facing toward the second plate member, of the core member,

the first plate member being bonded to a surface, facing toward the first plate member, of each of the plurality of the spacers,

the second plate member being bonded to another surface, facing toward the second plate member, of each of the plurality of the spacers.

2. A sandwich panel comprising:

a first plate member which is metallic;

a second plate member which is arranged to face the first plate member and metallic;

a spacer unit which is metallic and formed in a shape of a rectangular frame and interposed between the first plate member and the second plate member; and

a core member arranged in a region surrounded with the spacer unit between the first plate member and the second plate member,

the spacer unit being made up of a plurality of spacers that are formed as separate members,

the first plate member being bonded to a surface, facing toward the first plate member, of the core member,

the second plate member being bonded to another surface, facing toward the second

plate member, of the core member,

the first plate member being bonded to a surface, facing toward the first plate member, of each of the plurality of the spacers,

the second plate member being bonded to another surface, facing toward the second plate member, of each of the plurality of the spacers, wherein

the plurality of the spacers includes a pair of straight tubular, longer-side spacers forming a pair of longer sides of the spacer unit in the shape of the rectangular frame,

each of the pair of the longer-side spacers has an opening at each longitudinal end thereof, and

the opening is configured to receive a mounting member inserted, the mounting member being used to mount the sandwich panel onto a building.

3. The sandwich panel of claim 2, wherein

the first plate member includes a side surface portion protruding from a side edge of the first plate member toward the second plate member over an entire length of the first plate member,

the second plate member includes a side surface portion protruding from a side edge of the second plate member toward the first plate member over an entire length of the second plate member, and

the pair of the longer-side spacers includes a groove portion to accommodate the side surface portion of the first plate member and another groove portion to accommodate the side surface portion of the second plate member.