WHAT IS CLAIMED IS:

1. A wall member joint structure comprising:

a first wall member having a first wall surface;

a second wall member having a second wall surface facing the first wall surface;

a first protrusion member having a first protrusion portion which protrudes from the first wall surface;

a second protrusion member having a second protrusion portion which protrudes from the second wall surface; and

a filling material with which a gap between the first wall surface and the second wall surface is filled,

wherein the first protrusion portion is a steel plate having a first through-hole portion passing therethrough sideways,

wherein the second protrusion portion is a steel plate having a second through-hole portion passing therethrough sideways,

wherein the first wall member and the second wall member are formed of precast concrete,

wherein the first protrusion member has a part embedded in and a part protruding from the first wall member, and

wherein the second protrusion member has a part embedded in and a part protruding from the second wall member.

2. The wall member joint structure according to claim 1, further comprising:

an insertion member inserted between the first wall surface and the second wall surface,

wherein in a side view where the gap between the first wall surface and the second wall surface is viewed, the first protrusion portion and the insertion member have parts overlapping each other, and the second protrusion portion and the insertion member have parts overlapping each other.

3. The wall member joint structure according to claim 1, further comprising:

an insertion member inserted between the first wall surface and the second wall surface,

wherein the insertion member has a third through-hole portion passing therethrough sideways and a fourth through-hole portion passing therethrough sideways,

wherein in a side view where the gap between the first wall surface and the second wall surface is viewed, the first through-hole portion and the third through-hole portion have parts overlapping each other, and the second through-hole portion and the fourth through-hole portion have parts overlapping each other,

a reinforcement steel inserted into the first through-hole portion and the third through-hole portion, and a reinforcement steel inserted into the second through-hole portion and the fourth through-hole portion.

4. The wall member joint structure according to claim 1,

wherein in a side view where the gap between the first wall surface and the second wall surface is viewed, the first protrusion portion and the second protrusion portion have parts overlapping each other.

5. The wall member joint structure according to claim 1,

wherein in a side view where the gap between the first wall surface and the second wall surface is viewed, the first through-hole portion and the second through-hole portion have parts overlapping each other, and

further comprising a reinforcement steel inserted into the first through-hole portion and the second through-hole portion.

6. A wall member joining method in which after a first wall member having a first wall surface and a second wall member having a second wall surface are disposed such that the first wall surface and the second wall surface face each other, a gap between the first wall surface and the second wall surface is filled with a filling material,

wherein the first wall member has a first protrusion member including a first protrusion portion which protrudes from the first wall surface,

wherein the second wall member has a second protrusion member including a second protrusion portion which protrudes from the second wall surface,

wherein the first protrusion portion is a steel plate having a first through-hole portion passing therethrough sideways,

wherein the second protrusion portion is a steel plate having a second through-hole portion passing therethrough sideways,

wherein the first wall member and the second wall member are formed of precast concrete,

wherein the first protrusion member has a part embedded in and a part protruding from the first wall member, and

wherein the second protrusion member has a part embedded in and a part protruding from the second wall member.