[0052]

On a front surface 21 of the underlining surface material 20, at a position corresponding to the mounting surface 41 of the stud 40, an adhesive 80 is adhered along the longitudinal direction of the mounting surface 41, and a back surface 32 of the overlining surface material 30 is mounted to the front surface 21 of the underlining surface material 20 via the adhesive 80.

[0053]

The overlining surface material 30 is mounted to the front surface 21 of the plurality of the underlining surface material 20 via the adhesive 80 at the position corresponding to the mounting surface 41 of the three studs 40, similar to the building surface material 10 of the partition wall 90. A plurality of the overlining surface materials 30 that are adjacent to each other at the top, bottom, left, and right are mutually butted to form a lateral butt joint 34 and a longitudinal butt joint 35. The lateral butt joint 34 and the longitudinal butt joint 35 may be a transparent joint.

[0054]

In the partition wall 90A, the time required for mounting the overlining surface material 30 can be shortened and good workability can be obtained by fixing the overlining surface material 30 to the front surface 21 of the underlining surface material 20 via the adhesive 80.

[0055]

Further, in a partition wall 90A described in detail below, the underlining surface material 20 is fixed to the stud 40 not by the adhesive 80 but by the

CLAIMS

[Claim 1]

A mounting method of a building surface material for mounting the building surface material to a base material made of steel, the mounting method comprising:

a temporary fixing step of temporarily fixing a part of a back surface of the building surface material to an adhesive adhered to a mounting surface of the base material; and

a main fixing step of bringing a non-rotating magnetic attraction jig in contact with a front surface on an opposite side of the back surface of the building surface material, and moving the non-rotating magnetic attraction jig along the adhesive to attract the base material by an attraction force of the non-rotating magnetic attraction jig such that the adhesive is pulled toward the building surface material and pressed by the base material, and pressure-bond the building surface material and the base material to each other.

[Claim 2]

A mounting method of a building surface material for mounting an underlining surface material and an overlining surface material which are the

building surface material to a base material made of steel, the mounting method comprising:

a first main fixing step of fixing the underlining surface material to a mounting surface of the base material with a fastener;

a temporary fixing step of temporarily fixing a part of a back surface of the overlining surface material to an adhesive adhered to a front surface of the underlining surface material on an opposite side of a back surface of the underlining surface material facing the mounting surface; and

a second main fixing step of bringing a non-rotating magnetic attraction jig in contact with a front surface of the overlining surface material on an opposite side of the back surface of the overlining surface material, and moving the non-rotating magnetic attraction jig along the adhesive to attract the base material by an attraction force of the non-rotating magnetic attraction jig such that the adhesive is pulled toward the building surface material and pressed by the base material, and pressure-bond the overlining surface material and the base material to each other.

[Claim 3]

A mounting method of a building surface material for mounting an underlining surface material and an overlining surface material which are the building surface material to a base material made of steel, the mounting method comprising:

a first temporary fixing step of temporarily fixing a part of a back surface of the underlining surface material to an adhesive adhered to a mounting surface of the base material;

a first main fixing step of bringing a non-rotating magnetic attraction jig in contact with a front surface of the underlining surface material on an opposite side of the back surface of the underlining surface material, and moving the non-rotating magnetic attraction jig along the adhesive to attract the base material by an attraction force of the non-rotating magnetic attraction jig such that the adhesive is pulled toward the building surface material and pressed by the base material, and pressure-bond the underlining surface material and the base material to each other;

a second temporary fixing step of temporarily fixing a part of a back surface of the overlining surface material to an adhesive adhered to the front surface of the underlining surface material; and

a second main fixing step of bringing the non-rotating magnetic attraction jig in contact with a front surface of the overlining surface material on an opposite side of the back surface of the overlining surface material, and moving the non-rotating magnetic attraction jig along the adhesive to attract the base material by an attraction force of the non-rotating magnetic attraction jig such that the adhesive is pulled toward the building surface material and pressed by the base material, and pressure-bond the overlining surface material and the base material to each other.

[Claim 4]

The mounting method of the building surface material according to any one of claims 1 to 3, wherein the base material made of steel is a stud made of steel.

[Claim 5]

The mounting method of the building surface material according to any one of claims 1 to 3, further comprising:

a base material forming step of forming the base material made of steel by fixing a steel plate directly or indirectly to a base material made of a material that is not magnetically attracted.

[Claim 6]

The mounting method of the building surface material according to claim 5, wherein the material that is not magnetically attracted is any one of wood, mortar, concrete, reinforced concrete, or resin.

[Claim 7]

The mounting method of the building surface material according to any one of claims 1 to 6, wherein the building surface material is a gypsum plate or a gypsum board.

[Claim 8]

The mounting method of the building surface material according to claim 2 or claim 3, wherein one of the underlining surface material or the overlining surface material is a gypsum plate or a gypsum board, and another one of the underlining surface material or the overlining surface material is a calcium silicate plate.