CLAIMS

1. A waterproof device for an opening, comprising:

a sheet placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member; and

a holding part that holds the sheet for the structure at a position exterior of the opening/closing member, wherein

the holding part holds the sheet so that the sheet covers a predetermined area which is a lower end part in a vertical direction of the opening/closing member and a part of the structure adjacent to the predetermined area together to close a lower end area in the vertical direction of the opening and so that a lower end part in the vertical direction of the sheet extend along a floor toward the exterior.

2. The waterproof device for an opening according to claim 1, wherein the holding part holds the sheet in a slack state, permitting the sheet to be bent closer to the opening/closing member than the holding member and come into contact with the predetermined area.

3. The waterproof device for an opening according to claim 1 or 2, wherein

the sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together, and

the sheet can be placed in a state in which ends in the width direction of a part corresponding to the floor and lower ends of parts corresponding to the wall faces overlap.

4. The waterproof device for an opening according to claim 3, wherein the parts of the sheet corresponding to the wall faces can cover the wall faces and the floor together.

5. The waterproof device for an opening according to claim 3 or 4, wherein the sheet has slits separating the ends in the width direction of the part corresponding to the floor and the lower portions of the parts corresponding to the wall faces from each other.

6. The waterproof device for an opening according to any one of claims 1 to 5, further comprising:

a pressing member that presses a part of the sheet extending along the floor against the floor.

7. The waterproof device for an opening according to claim 6, wherein the pressing member is water absorbent.

8. The waterproof device for an opening according to claim 1, further comprising:

pressing members that press the sheet against the structure, wherein

the pressing members are arranged at least on a part of the sheet extending along the floor and continuously along a circumference of the opening.

9. The waterproof device for an opening according to claim 8, wherein the pressing members are deformable to match with a shape of the structure.

10. The waterproof device for an opening according to

claim 9, wherein the pressing members arranged on the part of the sheet extending along the floor deform to match with a shape of the floor by weights thereof.

11. The waterproof device for an opening according to claim 8 or 10, wherein the pressing members arranged on the part of the sheet extending along the floor are continuously provided from one end in the width direction of the opening to the other.

12. The waterproof device for an opening according to claim 11, wherein

the sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together, and

the pressing members arranged on the part of the sheet extending along the floor are placed to press the sheet against the wall faces.

13. The waterproof device for an opening according to claim 11 or 12, wherein

the pressing members arranged on the part of the sheet extending along the floor have corner portions having a shape corresponding to that of corners where the floor and the wall faces intersect, and are placed in a state in which the sheet is between the corner portions and the corners.

14. The waterproof device for an opening according to any one of claims 11 to 13, wherein

the ends of the pressing members in the width direction of the opening are deformable to match with

shapes of the wall faces by being pressed against the wall faces.

15. The waterproof device for an opening according to claim 1 or 2, wherein the ends in the width direction of the part of the sheet extending along the floor is subjected to end processing beforehand according to the width of the opening.

16. The waterproof device for an opening according to any one of claims 1 to 8 and 15, further comprising:

a supporting member that supports the opening/closing member against a force applied by water pressure from the exterior to prevent deformation of the opening/closing member.

17. A waterproof sheet for an opening, wherein

the waterproof sheet is placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member, wherein the waterproof sheet is placed at a position exterior of the opening/closing member,

the waterproof sheet is held for the structure in a slack state, permitting the waterproof sheet to come into contact with the opening/closing member, and with a lower end part thereof in a vertical direction extending along a floor toward the exterior, and

the waterproof sheet covers a predetermined area at a lower end part in the vertical direction of the opening/closing member and a part of the structure adjacent to the predetermined area to close a lower end part in the vertical direction of the opening.

CLAIMS

1. A waterproof device for an opening, comprising:

a sheet placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member; and

a holding part that holds the sheet for the structure at a position exterior of the opening/closing member, wherein

the holding part holds the sheet so that the sheet covers a predetermined area which is a lower end part in a vertical direction of the opening/closing member and part of the structure adjacent to the predetermined area together to close a lower end area in the vertical direction of the opening and so that a lower end part in the vertical direction of the sheet extend along a floor toward the exterior,

the sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together, and

the sheet can be placed in a state in which ends in the width direction of a part corresponding to the floor and lower ends of parts corresponding to the wall faces overlap.

2. The waterproof device for an opening according to claim 1, wherein the parts of the sheet corresponding to the wall faces can cover the wall faces and the floor together.

3. The waterproof device for an opening according to claim 1 or 2, wherein the sheet has slits separating the

ends in the width direction of the part corresponding to the floor and the lower portions of the parts corresponding to the wall faces from each other.

4. The waterproof device for an opening according to any one of claims 1 to 3, wherein the holding part holds the sheet in a slack state, permitting the sheet to be bent closer to the opening/closing member than the holding member and come into contact with the predetermined area.

5. The waterproof device for an opening according to any one of claims 1 to 4, further comprising:

a pressing member that presses a part of the sheet extending along the floor against the floor.

6. The waterproof device for an opening according to claim 5, wherein the pressing member is water absorbent.

7. A waterproof device for an opening, comprising:

a sheet placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member;

a holding part that holds the sheet for the structure at a position exterior of the opening/closing member; and

pressing members that press the sheet against the structure, wherein

the holding part holds the sheet so that the sheet covers a predetermined area which is a lower end part in a vertical direction of the opening/closing member and part of the structure adjacent to the predetermined area together to close a lower end area in the vertical direction of the opening and so that a lower end part in the vertical direction of the sheet extend along a floor

toward the exterior,

the sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together,

the pressing members are arranged at least on a part of the sheet extending along the floor and continuously along a circumference of the opening, and

the pressing members arranged on the part of the sheet extending along the floor are continuously provided from one end in the width direction of the opening to the other, and are placed to press the sheet against the wall faces.

8. A waterproof device for an opening, comprising:

a sheet placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member;

a holding part that holds the sheet for the structure at a position exterior of the opening/closing member; and

pressing members that press the sheet against the structure, wherein

the holding part holds the sheet so that the sheet covers a predetermined area which is a lower end part in a vertical direction of the opening/closing member and part of the structure adjacent to the predetermined area together to close a lower end area in the vertical direction of the opening and so that a lower end part in the vertical direction of the sheet extend along a floor toward the exterior,

the sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together,

the pressing members are arranged at least on a part of the sheet extending along the floor and continuously along a circumference of the opening, and

the pressing members arranged on the part of the sheet extending along the floor are continuously provided from one end in the width direction of the opening to the other, have corner portions having a shape corresponding to that of corners where the floor and the wall faces intersect, and are placed in a state in which the sheet is between the corner portions and the corners.

9. A waterproof device for an opening, comprising:

a sheet placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member;

a holding part that holds the sheet for the structure at a position exterior of the opening/closing member; and

pressing members that press the sheet against the structure, wherein

the holding part holds the sheet so that the sheet covers a predetermined area which is a lower end part in a vertical direction of the opening/closing member and part of the structure adjacent to the predetermined area together to close a lower end area in the vertical direction of the opening and so that a lower end part in the vertical direction of the sheet extend along a floor toward the exterior,

the sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together,

the pressing members are arranged at least on a part of the sheet extending along the floor and continuously

along a circumference of the opening,

the pressing members arranged on the part of the sheet extending along the floor are continuously provided from one end in the width direction of the opening to the other, and

the ends of the pressing members in the width direction of the opening are deformable to match with shapes of the wall faces by being pressed against the wall faces.

10. The waterproof device for an opening according to claim 7, wherein

the pressing members arranged on the part of the sheet extending along the floor have corner portions having a shape corresponding to that of corners where the floor and the wall faces intersect, and are placed in a state in which the sheet is between the corner portions and the corners.

11. The waterproof device for an opening according to claim 7, 8 or 10, wherein

the ends of the pressing members in the width direction of the opening are deformable to match with shapes of the wall faces by being pressed against the wall faces.

12. The waterproof device for an opening according to any one of claims 7 to 11, wherein the pressing members arranged on the part of the sheet extending along the floor deform to match with a shape of the floor by weights thereof.

13. A waterproof device for an opening, comprising:

a sheet placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member;

a holding part that holds the sheet for the structure at a position exterior of the opening/closing member; and

a supporting member, wherein

the holding part holds the sheet so that the sheet covers a predetermined area which is a lower end part in a vertical direction of the opening/closing member and part of the structure adjacent to the predetermined area together to close a lower end area in the vertical direction of the opening and so that a lower end part in the vertical direction of the sheet extend along a floor toward the exterior, and

the supporting member supports the opening/closing member against a force applied by water pressure from the exterior to prevent deformation of the opening/closing member.

14. A waterproof sheet for an opening, wherein

the waterproof sheet is placed over an opening, the opening making an interior and an exterior of a structure communicate and being opened and closed by an opening/closing member, wherein the waterproof sheet is placed at a position exterior of the opening/closing member,

the waterproof sheet is held for the structure in a slack state, permitting the waterproof sheet to come into contact with the opening/closing member, and with a lower end part thereof in a vertical direction extending along a floor toward the exterior,

the waterproof sheet covers a predetermined area at a lower end part in the vertical direction of the opening/closing member and a part of the structure adjacent to the predetermined area to close a lower end part in the vertical direction of the opening,

the waterproof sheet covers the predetermined area, the floor adjacent to the predetermined area, and wall faces adjacent to the predetermined area and opposed to each other in a width direction of the opening all together, and

the waterproof sheet can be placed in a state in which ends in the width direction of a part corresponding to the floor and lower ends of parts corresponding to the wall faces overlap.