CLAIMS

1. A decorative sheet with adhesive comprising:

a decorative plate layer having a top and a bottom; and

an adhesive layer arranged on the bottom of the decorative plate layer,

wherein the decorative plate layer is made by heat and pressure consolidating a laminate assembly including a decorative layer and a mixed paper layer which is arranged adjacent to the bottom of the decorative layer and includes a magnesium silicate compounds having bound water mixed paper,

wherein the mixed paper layer is made by impregnating the magnesium silicate compounds having bound water mixed paper as a base material with a nitrogen flame retardant or phosphorus-nitrogen flame retardant and drying, and

wherein the decorative layer is made from a resin-impregnated decorative paper impregnated with a thermosetting resin and drying .

2. The decorative sheet with adhesive according to claim 1, wherein the decorative plate layer further comprises a core layer made of a prepreg containing a fibrous base material.

3. The decorative sheet with adhesive according to claim 2, wherein a stacking structure of the decorative plate layer includes the core layer, the mixed paper layer, and the decorative layer in this order from the bottom of the decorative plate layer.

4. The decorative sheet with adhesive according to claim 1, wherein an amount of the nitrogen flame retardant or the

phosphorus-nitrogen flame retardant contained in the mixed paper layer is 9 to 90 g/m^2.

5. The decorative sheet with adhesive according to claim 2, wherein the prepreg included in the core layer contains endothermic metal hydroxide and a binder component in addition to the fibrous base material.

6. The decorative sheet with adhesive according to claim 2 or 5, wherein the prepreg included in the core layer contains an acrylic resin emulsion.

7. The decorative sheet with adhesive according to claim 2, 5, or 6, wherein the core layer contains a flame retardant.

8. The decorative sheet with adhesive according to claim 7, wherein the core layer contains the flame retardant in a range of 1 to 100 g/m^2.

9. The decorative sheet with adhesive according to claim 7 or 8, wherein the flame retardant in the core layer is a nitrogen flame retardant or a phosphorus-nitrogen flame retardant.

10. The decorative sheet with adhesive according to claim 9, wherein an amount of nitrogen contained in the phosphorus-nitrogen flame retardant is 1 to 50% by mass.

11. The decorative sheet with adhesive according to any one of claims 1 to 10 having a thickness of 0.2 to 2.0 mm.

12. The decorative sheet with adhesive according to any one of claims 1 to 11, wherein the phosphorus-nitrogen flame retardant in the mixed paper layer comprises one or more selected from the group consisting of a guanidine phosphate and guanylurea phosphate.

13. The decorative sheet with adhesive according to any one of claims 1 to 12, wherein a thickness of the decorative plate layer is from 0.43 to 0.69 mm.

14. The decorative sheet with adhesive according to any one of claims 1 to 13, wherein the thermosetting resin contained in the decorative layer is a melamine-formaldehyde resin.