CLAIMS

1. A system for applying a tile adhesive, comprising:
an adhesive supplying device for supplying the tile adhesive on a surface of a tile, comprising a nozzle for emerging the tile adhesive and a pump unit for pumping the tile adhesive in the direction of the nozzle; and
an automated supporting and moving device, in particular robot, for supporting and positioning the tile with respect to the nozzle so that the tile adhesive is distributable onto the surface of the tile when emerging from the nozzle, wherein the nozzle comprises an active or passive mixing device for adding a setting component to the adhesive.

2. The system of claim 1, wherein the nozzle comprises a longitudinal slit and/or several apertures, preferably arranged in at least one or exactly one row, wherein the several apertures are optionally connected with each other or disconnected from each other.

3. The system of one of the claims 1 or 2, wherein the pump unit comprises an electric and/or hydraulic pump.

4. The system of one of the preceding claims, wherein the nozzle comprises a heating device.

5. The system of one of the preceding claims, wherein the robot includes a robot arm and/or a supporting device comprising a linear movable system being movable in at least two, preferably at least three, optionally up to six, different axial directions.

6. The system of one of the preceding claims, further comprising at least one, in particular refillable reservoir, preferably cartridge and/or cylinder and/or barrel, wherein the reservoir forms preferably a part of the pump unit.

7. The system of one of the preceding claims, further comprising at least one funnel for receiving adhesive.

8. The system of one of the preceding claims, further comprising an, in particular second, adhesive supplying device being configured for supplying tile adhesive on a surface to be tiled.

9. A system for tiling a surface, in particular of a wall or the ground or panel, comprising a system for applying a tile adhesive of one of the preceding claims, and an automated supporting and moving device, in particular robot, for positioning the tile onto the surface to be tiled.

10. A method of applying a tile adhesive, in particular under use of the system of one of the preceding claims, comprising:
emerging the tile adhesive from a nozzle, wherein a tile is supported and moved with respect to the nozzle by an automated supporting and moving device, in particular a robot, so that the tile adhesive is distributed onto a surface of the tile,
further comprising using two components of a two-component adhesive and/or by adding a setting component to the adhesive, in particular by an active or passive mixing process and/or further comprising filling adhesive into a funnel for filling a reservoir.

11. The method of claim 10, further comprising supplying tile adhesive on a surface to be tiled.

12. The method of one of the preceding claims 10 to 11, wherein the tile is moved when the tile adhesive emerges from the nozzle.

13. The method of one of the preceding claims 10 to 11, wherein the tile is not moved with respect to the nozzle when the tile adhesive emerges from the nozzle.

14. A method of tiling a surface, comprising the method of one of the preceding claims 10 to 13, and positioning a plurality of tiles on the surface to be tiled.