of microbes on the surfaces of the structural components of the sanitary cubicles is nevertheless undesirable. This also applies in particular to sanitary cubicles that do not have additional devices such as hand wash basins, soap dispensers and the like. It is additionally known from practice that the sanitary cubicles installed at the site are cleaned at certain intervals, wherein the structural components of the sanitary cubicle and their surfaces are usually disinfected. This is time consuming and costly. In addition, it is also desirable to ensure that the sanitary cubicles are at least largely free of microbes in the period between cleaning processes. This is where the invention comes in.

In view of this, embodiments of the invention are based on the technical problem of providing a sanitary cubicle, in particular a toilet cubicle, of the type mentioned initially, in which the disadvantages described hereinbefore can be effectively and reliably avoided and in which, in particular, the accumulation of microbes on structural components of the sanitary cubicle can at least be reduced and can preferably be largely avoided. Furthermore, embodiments of the invention are based on the technical problem of providing a method for producing such a sanitary cubicle.

In order to solve the technical problem, an aspect of the invention teaches a sanitary cubicle, in particular a toilet cubicle, comprising at least one floor part, at least one roof part and a plurality of side wall parts, wherein furthermore at least one sanitary device and at least one tank for waste water and/or faeces are provided, wherein at least one structural component of the sanitary cubicle is provided with antimicrobial properties and wherein for this purpose at least one surface region of the structural component, preferably the entire structural component or substantially the entire structural component, is made of a material containing at least one antimicrobial additive, wherein the antimicrobial additive is an additive containing or releasing antimicrobially acting metal ions, wherein the material of the surface region of the at least one antimicrobially equipped structural component, expediently the material of the entire at least one antimicrobially equipped structural component, contains 0.05 to 2.5% by weight of the at least one antimicrobial additive, and wherein the material containing the at least one antimicrobial additive of the at least one structural component provided with antimicrobial properties is polyethylene.

CLAIMS

1. Sanitary cubicle, in particular toilet cubicle, comprising at least one floor part, at least one roof part and a plurality of side wall parts, wherein furthermore at least one sanitary device and at least one tank for waste water and/or faeces are provided,

wherein at least one structural component of the sanitary cubicle is provided with antimicrobial properties and wherein for this purpose at least one surface region of the structural component, preferably the entire structural component or substantially the entire structural component, is made of a material containing at least one antimicrobial additive,

wherein the antimicrobial additive is an additive containing or releasing antimicrobially acting metal ions, wherein the material of the surface region of the at least one antimicrobially equipped structural component, expediently the material of the entire at least one antimicrobially equipped structural component, contains 0.05 to 2.5% by weight of the at least one antimicrobial additive, and

wherein the material containing the at least one antimicrobial additive of the at least one structural component provided with antimicrobial properties is polyethylene.

2. Sanitary cubicle according to Claim 1, wherein the antimicrobial additive is an additive containing or releasing silver ions and/or zinc ions and/or copper ions, preferably is a silver phosphate and particularly preferably is a silver phosphate glass.

3. Sanitary cubicle according to one of Claims 1 or 2, wherein a plurality of support posts or corner posts are provided, wherein the side wall parts of the sanitary cubicle connect the support posts or corner posts to one another, and wherein preferably the at least one structural component of the sanitary cubicle provided with antimicrobial properties is at least one support post or corner post.

4. Sanitary cubicle according to Claim 3, wherein at least some of the structural components of the sanitary cubicle, in particular at least the floor part and/or the roof part and/or the side wall parts and/or the support posts or corner posts consist or substantially consist of plastic, preferably of thermoplastic material and wherein preferably the at least one sanitary device and/or the at least one tank consists/consist or substantially consists/consist of plastic, preferably of thermoplastic material.

5. Sanitary cubicle according to one of Claims 1 to 4, wherein the material of the surface region of the at least one antimicrobially equipped structural component, expediently the material of the entire at least one antimicrobially equipped structural component, contains 0.07 to 2.0% by weight, more preferably 0.1 to 1.5% by weight, particularly preferably 0.12 to 1.0% by weight, quite particularly preferably 0.15 to 0.6% by weight, for example 0.2 to 0.5% by weight of the at least one antimicrobial additive.

6. Sanitary cubicle according to one of Claims 1 to 5, wherein the at least one structural component of the sanitary cubicle provided with antimicrobial properties is at least one sanitary device, in

particular in the form of a toilet bowl and/or a urinal and/or a hand wash basin.

7. Sanitary cubicle according to one of Claims 1 to 6, wherein a side wall part of the sanitary cubicle is formed by a cubicle door, wherein preferably at least one door handle and/or at least one locking element is arranged on the cubicle door and wherein preferably the at least one structural component of the sanitary cubicle provided with antimicrobial properties is the cubicle door and/or the door handle and/or the locking element.

8. Sanitary cubicle according to one of Claims 1 to 7, wherein the sanitary cubicle has at least one hygiene functional device, in particular at least one disinfectant dispenser and/or at least one soap dispenser and/or at least one paper towel dispenser, and wherein preferably the at least one structural component of the sanitary cubicle provided with antimicrobial properties is the at least one hygiene functional device, in particular the disinfectant dispenser and/or the soap dispenser and/or the paper towel dispenser.

9. Sanitary cubicle according to one of Claims 1 to 8, wherein the structural component of the sanitary cubicle provided with antimicrobial properties is at least one side wall part and/or the tank.

10. Method for producing a sanitary cubicle according to one of Claims 1 to 9, wherein the sanitary cubicle is constructed from a plurality of structural components - preferably from at least one floor part, at least one roof part, from a plurality of side wall parts, preferably from a plurality of support posts or corner posts, as well as at least one sanitary device

and at least one tank for waste water and/or faeces - wherein at least one of these structural components, preferably a plurality of these structural components, is produced by a rotational process or rotational moulding, and wherein a material or a mixture of at least one thermoplastic material and at least one antimicrobial additive is used for this purpose.

11. Method according to Claim 10, wherein a fine-particle, in particular a powdery, mixture of at least one fine-particle or powdery thermoplastic material and at least one fine-particle or powdery antimicrobial additive is produced and is subsequently used in the rotational process or in rotational moulding.