

BS03 MT NF2 TECHNICAL DATA SHEET

Rev. 04/09/2024

1. Description of the product:

BS03MT NF2 is an antibacterial additive readily soluble in the water, in many polar organic solvents and in the glaze. In ceramic applications, it is usually incorporated directly into the glaze.

2. Application:

BS03MT NF2 is introduced directly into the glaze and then applied to the products before the firing. The powerful effects of BS03MT NF2 additive protection for ceramics can be integrated into floor and wall tiles, sinks, toilets, bathtubs, shower trays, dinnerware, kitchen appliances and much more.

3. Use:

The product must be introduced in the liquid glaze (already ground). It is suggested to add the product in the glaze before eventual binders. In order to speed up the homogenization it's possible to pre-mix the BS03MT NF2 powder with a small amount of water.

The suggested quantities to use are between 1.0% and 3.0% on the weight of dry glaze.

Example: For 100 kg. of dry materials, for introducing 3% of BS03MT NF2 it has to be added 3 kg of powder

When the BS03MT NF2 is homogeneously mixed with the glaze, is possible to proceed to the usual preparation of the glaze.

NOTE: In order to optimize the costs, is possible to use the glaze prepared with antibacterial, only as last layer (at least 0,02-0,05 mm)

4. Benefits:

- The surfaces are more durables compared with their expected lifetime
- The surfaces are more resistant to the growth of stain, odour and illness-causing bacteria
- The product minimise the risk of cross-contamination in hygiene critical environments
- Contain technology that does not wear off, leach out or negatively affect the environment
- Provide an added level of hygienic protection for an easier cleaning
- Easy to use with low costs in production

5. Typical chemical-physical characteristics:

Composition	mixture with silver ions
Appearance form	powder
Colour	white
Odour	odourless
Acc. To DIN ISO 787/9 - pH value	6.5-7.5