

## **The bactericidal action of experimental composite material of protective and decorative purposes**

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### **Abstract**

Bacteriostatic activity increases with increasing mass fraction of nanodispersed hydrosilicate potassium. We have recommended the ratio of film-forming materials for bactericidal coatings: 75-90 wt. % of nanodispersed hydrosilicate potassium, 10-25 wt. % of styrene acrylic dispersion, 0.5-1.0 wt.% of Zinc Pyrithione.