



PERSIST Material Tests

- ✓ Test of the resistance of construction materials to various chemicals.
- ✓ Test the killing behavior with hydrogen peroxide on different construction materials.

Application of PERSIST - Material Tests

In isolators, different chemicals are used, for decontamination (hydrogen peroxide) and cleaning of surfaces (mixtures of isopropanol, ethanol, peracetic acid, sodium hydroxide etc.)

For quality reasons, suitable construction materials for use in the isolator systems have to be defined, which can be decontaminated and show good persistence to various chemicals. It is important for the user to know, which cleaning agent causes damage on the present surfaces inside the isolator. With the persistence tests, non suitable cleaning agents could be excluded for specific construction materials.



Spores of *Geobacillus stearothermophilus*

SKAN has a standardized procedure to determine the persistence to various chemicals.

Your Challenges

- Selection of suitable cleaning agents in terms of material compatibility
- Knowledge of the killing behavior of *Geobacillus stearothermophilus* on different materials required

Our Solutions

- Standardized test procedure for the determination of the material persistence and the killing behavior (D-Value estimation)

Your Advantages

- Test development on the basis of scientific Know-How
- Interdisciplinary team with extensive experience

Our Services

- Information base for consulting
- Decision support and recommendations for action