

BPCOAT *ST Series*

CAREFULLY SELECTED PARTICLES



**Antimicrobial
Powder Coatings**

www.bpc.com.tr

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Antimicrobial Powder Coatings

STERILE TOUCH

BPCOAT-ST Antimicrobial Powder Coating with silver ionic technology inhibits the growth of microscopic organisms that can lead to the creation of foul odors, discoloration and the formation of bio-film on powder-coated surfaces.

An antimicrobial powder coating kills and prevents the growth of bacteria plus other microscopic organisms such as yeast, fungi, viruses, and some algae as well.



How It Works;

BPCOAT-ST Antimicrobial Powder Coating slowly releases silver ions which are known to inhibit the growth of microbes and the inhibition of microbes remains constant.

The action is based on the slow and continuous leaching of fine silver ions via ambient moisture and these ions interfere with the cell membranes of the microorganisms causing organisms to die off by stopping respiration. In this way the antimicrobial powder coatings prevents their proliferation.

**Just touch it.
...protecting your health...**

Features and Benefits;

- Available in any color using Pure Epoxy, EP(Hybrid, Polyester (TGIC),Polyester(HAA),Polyurethane
- Less threat of cross-contamination in sensitive environments
- Antimicrobial surface requires less cleaning.



Application Area;

- Hospitals, medical and laboratory testing equipment
- Restaurants
- Parks & playgrounds
- Public transportation
- Offices
- Schools
- Home appliances: refrigerators,
- Towel hangers, doors, escalators, elevators, ventilation
- Air treatment systems



PCOAT-ST Antimicrobial Powder Coating is approved and all samples testing is conducted by an independent laboratory using the ISO 22196 / JIS Z 2801:2000 test method. All samples has been tested against E.Coli and Staphylococcus aureus at 35°C and has been observed around 99,99% reduction in population within 24 hours.

****Antimicrobial is limited to the treated surface and does not protect against disease-causing bacteria, viruses, germs or other disease-causing organisms. Also this series should not be considered as continuous hygiene without any other preventive. The antimicrobial coated surfaces must be regularly cleaned to get maximum effectiveness. The antimicrobial agent in products is safe with exceptionally low toxicity, and non-irritant.**



BPC KİMYA SANAYİ A.Ş.

Anbar Serbest Bölge Mah.

8. Cadde No:2 MELİKGAZI / KAYSERİ / TÜRKİYE

T: +90 352 321 22 22

F: +90 352 321 22 25

