



## ACC Anti Microbial Additive

**Product Description-** ACC's *Anti Microbial Additive* is a natural substance that is embedded in resinous products without changing the physical or mechanical characteristics of the product. This additive provides permanent antimicrobial protection; full time protection that inhibits the proliferation of bacteria, mold, mildew, and fungi. **ACC's Anti Microbial Additive** is non-leaching, non-consumable, environmentally friendly, and green. Incorporated into polyaspartic, epoxy or polyurethane coatings, the anti microbial properties will last for the life of the coating. Normal wear exposes new anti microbial protective elements.

### Advantages-

- No VOC's
- Non Toxic
- Multiple Product Implementations
- Green
- No Odor
- Kills 99% of E-Coli and MRSA
- Will not wear off surface

### Uses-

- Antimicrobial Flooring
- Locker Rooms
- Operating Rooms
- Clean Rooms
- Food Preparation Areas
- Food Storage Areas
- Prisons
- Slaughter Houses

### Effective-

Anti Microbial dispersed throughout ADVACOAT's Material creates permanent microbial resistance. ACC Anti Microbial technology has been clinically tested against a myriad of problematic microorganisms including:

- Mold
- Mildew
- Staph
- MRSA-Staph
- VRE
- E-Coli

### Certificates and Approvals-

- EPA Bacterial Efficacy Protocol
- Independent Certified Test Labs
  1. ASTM-2149
  2. G-21 ( Fungi )
  3. JIS Z 2801 ( Cover Slip )
  4. NSF 61
  5. NSF 51
  6. NSF 42

Most of the 'Anti' additives available are based on solutions of heavy metals that impair microbe viability. These additives tend to migrate to the surface of the coatings and get washed or abraded away after a relatively short period of use. A continuous replenishment program must be adopted to maintain the protection being sought by the owner.

In the last several years certain additives have been developed based on more permanent ammonium salts that become permanently polymerized within polymer based systems. As it turns out the polymerization process is greatly enhanced within ADVACOAT's coating materials resulting in a matrix of 'lance-like' salt structures throughout the entire thickness of the coating.

These nano-sized structures pierce the cellular walls of microbes resulting in a complete and effective death of the bio-organism. And yet the salt structures are bio compatible with sensitive applications such as drinking water, food contact and other intimate health uses. The only maintenance requirement is periodic normal cleaning such as would be done, in any event, to remove the general build up of dirt or other airborne contaminants.

### Technical Services-Sales and Customer Support 877-830-2628

**Warranty- Advacoat.** Will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.