



## **ADAPT with mPale Antimicrobial Invisible Static Barrier (ISB) Electrostatic – Biostatic – Fungistatic**

### **What is ADAPT Invisible Static Barrier (ISB) and its primary uses?**

- **ADAPT ISB** is a long lasting, durable and invisible non-toxic surface protectant.
- It is used to control or eliminate static electricity discharge and significantly reduce bacteria, mold, and mildew that causes deterioration, stains, and odors.
- Routine use will reduce build-up of dust, dirt, soap residue, and biofilm to enhance facility maintenance.

### **What surfaces can ADAPT ISB be applied on and how long will the barrier last?**

- **ADAPT ISB** can be applied to *virtually any surface* other than GLASS. It is also not approved for food contact surfaces such as cutting boards and commercial food prep vessels.
- The “Rule of Thumb” for application sites are typically any touch point or surface prone to electrical static discharge or contamination due to microbial intrusion.
- The **ADAPT Invisible Static Barrier** is difficult to remove. Routine daily cleaners have little effect on degradation. However, the rate of friction does matter. Low friction treated sites can easily last up to 90 plus days. High friction sites may need to be treated monthly to bi-weekly.

### **What is the general science behind ADAPT ISB (Invisible Static Barrier)?**

- When dried; thousands of electrically charged Nano-sized *carbon needles* are implanted onto the surface. These act like carbon “lightning rods” to unwanted electrical discharges. Proven effective in humidity below 15%. In addition, invading micro-organisms will implode upon contact (without the use of poison).
- These same charged carbon needles will also slightly change the surface tension and make future cleanings easier by resisting the attachment of dust, dirt, and soap residue.

### **Does ADAPT ISB have a history of compliance and success?**

- Active components have a 30-year history of success with no toxicity claims. Clients include Fortune 500 companies, professional sports teams, schools, and many others.
- Powered by mPale Antimicrobial technology (an EPA registered product)
- Complies with or exceeds electrostatic decay criteria set forth by NFPA and MIL B-81705, when tested in accordance with Federal Test Standard 101B, Method 4046.

### **A short list of equipment, surfaces, and areas that can be treated with ADAPT ISB:**

Environments where office equipment is used, server racks, switches, PC boards, fan units, routers, servers, wiring, cables, highly sensitive electronic and EDP operations, desks, metal, plastic, vinyl, polycarbonates, laminates, counter tops, flooring: carpet - concrete - grout - tile, wood, chairs, clothing, conveyor belts, totes, tables, showers, toilets, sinks, door and water handles, canvas, fabric, trash receptacles, filters, and multiple TOUCH POINTS.

*ADAPT ISB is available in portion controlled 8-oz. spray bottles, re-fillable aerosol, pre-wetted sponges, and bulk.*