



## Frequently Asked Questions

**Q:** What is MicroShield 360?

**A:** MicroShield 360 is an FDA approved, EPA registered, Antimicrobial coating system, which is colorless, odorless, and safe for all aircraft interiors.

**Q:** How does MicroShield 360 work?

**A:** MicroShield 360 forms a barrier of nanoscopic spikes that attract and destroy pathogens on contact. It is a two-part system, with an initial RENEW disinfectant to sterilize the cabin and then the application of MicroShield 360 to proactively protect the cabin going forward.

**Q:** How long does MicroShield 360 last?

**A:** MicroShield 360 has been proven effective on a treated surface for **12+ months**. We recommend an annual re-application for optimal protection.

**Q:** Will I still need to clean my aircraft?

**A:** MicroShield 360 is effective for continual pathogen reduction. For the anti-microbial shield to remain effective, it needs to be cleared of dead pathogens, dirt, and stains to expose the shield.

**Q:** Will my regular cleaning practices affect MicroShield 360? Will it remove the shield?

**A:** MicroShield is extremely abrasion resistant. Typical cleaners used in aircraft cabins will not compromise the effectiveness of MicroShield 360. Only a product with a PH of 12+ will remove MicroShield 360.

**Q:** Will MicroShield 360 stain or discolor my interior?

**A:** MicroShield 360 has been used for many years in commercial and residential applications, with its introduction into the aviation marketplace, we have treated over 500 aircraft without an incident of interior damage.

**Q:** How is MicroShield 360 applied? How long does it take?

**A:** MicroShield 360 is applied via a sprayer (preferably electro-static, 40-60 microns). It is a two-stage application- first, the RENEW disinfectant is applied to sterilize the cabin. After the RENEW disinfectant has cured, MicroShield 360 is applied to cabin surfaces. Application times vary depending on the size of aircraft. An application on a Challenger 350 takes about 2 hours from setup to tear down.



**Q:** Will the cockpit be treated?

**A:** MicroShield 360 will not be applied via sprayer in the cockpit. Instead, a manual application utilizing a microfiber towel over the commonly contacted surfaces will be performed. The product will still be effective with this method of application.

**Q:** Does a MicroShield 360 application require a logbook entry?

**A:** No, it is considered a cleaning service.

**Q:** Is MicroShield 360 effective against Sars-CoV-2?

**A:** The RENEW disinfectant is listed on the CDC N list for products effective against Sars-CoV-2. Preliminary lab results from The Ohio State University show that MicroShield 360 provides a 6-7 log reduction (99.9999%) of the Sars-CoV-2 virus.