



CANADIAN-MADE BACOBAN™ PRODUCTS ARE SETTING THE NEW STANDARD IN DISINFECTING

HOW?! Bacoban™ (106) Kills 99.9% of SARS-CoV-2 the virus that causes COVID-19 in 30 seconds! The innovative disinfecting solution Meets Aviation Standards, and creates a hygienic surface that prevents the growth of bacteria, mold, and mildew. Use Bacoban™ wherever superior clean is necessary for the highest standard of **protection against pathogens.**

- No Volatile Organic Compounds (Zero VOC's)
- Zero Phenol and Aldehydes
- Will not damage surfaces
- No harsh chemical smell
- Reduces odor
- Water based

Approved for use in hospital, healthcare facility, domestic, industrial, institutional and food processing settings.

Bacoban™ (106) is listed on the Health Canada "List of disinfectants with evidence for use against COVID-19"



Meets Aviation Cleaning and Disinfecting Standards.



Approved for use in hospital and healthcare facilities



Water based & No Volatile Organic Compounds.



Will not damage electronics under normal use.



Approved for food processing use.



Will not damage interior or paint.

SURFACE COMPATIBILITY



**EXTENSIVELY TESTED & APPROVED
BY BOEING, BOMBARDIER & AIRBUS
FOR AIRCRAFT USE.**

Bacoban™ holds several critical approvals for aircraft, regarded as the highest testing standard for transportation.

Boeing D6-7127 “Cleaning Interiors of Commercial Transport Aircraft”

- Sandwich Corrosion Test (Conforms)- uses control panels of clad (AMS 4049) and bare aluminum (AMS 4045)
- Immersion Control Test (Conforms)- again, uses various grades of clad and bare aluminum to evaluate the weight change of each test specimen over a 24 hour period
- Rubber Test (Conforms)- measures the change in tensile strength, elongation, and volume following a 24 immersion in Bacoban. The results of this test are very strong—the standard allows for 25% change in tensile strength and elongation, and 15% change in volume. In all categories Bacoban treated samples experiences <1% change in all three properties.
- Sealant Test (Conforms)- follows BMS 5-95 to confirm that sealant does not lift at the edges or lose adhesion when tested.
- Painted Surface Test (Conforms)- paint film hardness shall not decrease more than 2 pencil hardness or exhibit greater than minimal colour change.
- Tedlar Surface Test (Conforms)- test requires no scratching, colour change or staining of specimens to pass
- Vinyl Surface Test (Conforms)- test requires no cracking, or brittleness of exposed specimens constitutes test failure; and greater than minimal colour change or staining constitutes failure
- Leather and Naugahyde Test (Conforms)- test requires no scratching or brittleness of exposed specimen; and no colour change or staining
- Flash Point Test (Conforms)- flash point observed to 212 F
- Polycarbonate Crazeing Test (Conforms)- any crazeing or cracking of the polycarbonate sheet constitutes failure (Lexan 9600 and BMS8-400 BAC 70913)

Boeing D6-17487 “Exterior and General Cleaners and Liquid Waxes, Polishes, and Polishing Compounds”

- Sandwich Corrosion Test (Conforms)- follows ASTM F1110 protocol and tests the disinfectant against aluminum (clad, bare, and anodized)
- Acrylic Crazeing Test (Conforms)- follows ASTM F484 to ensure Bacoban doesn't craze, crack, or etch acrylic test specimens
- Paint Softening Test (Conforms)- follows ASTM F502 for several coating systems including primer, enamel, and a combination of those systems. The film is tested using pencil hardness after 24 hour post-exposure and requires there to be no discoloration or staining.
- Hydrogen Embrittlement Test (Conforms)- follows ASTM F519 using cadmium plated specimens. Test duration is 150 hours.

Bacoban™ has passed similar tests by Airbus: AMS-1451B (conforms) and AMS-1452B (conforms).

Bacoban™ is used everywhere, from galley, to flight deck and throughout the cabin and even the exterior of the airplane.



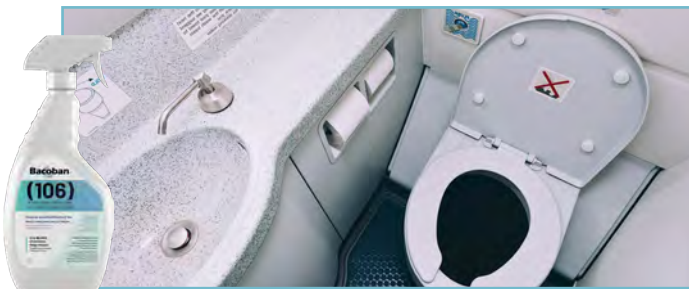
AIRCRAFT DISINFECTING GUIDE



Extensively tested and approved by Boeing, Bombardier, and Airbus for aircraft use. Available in individual use format for passenger convenience.



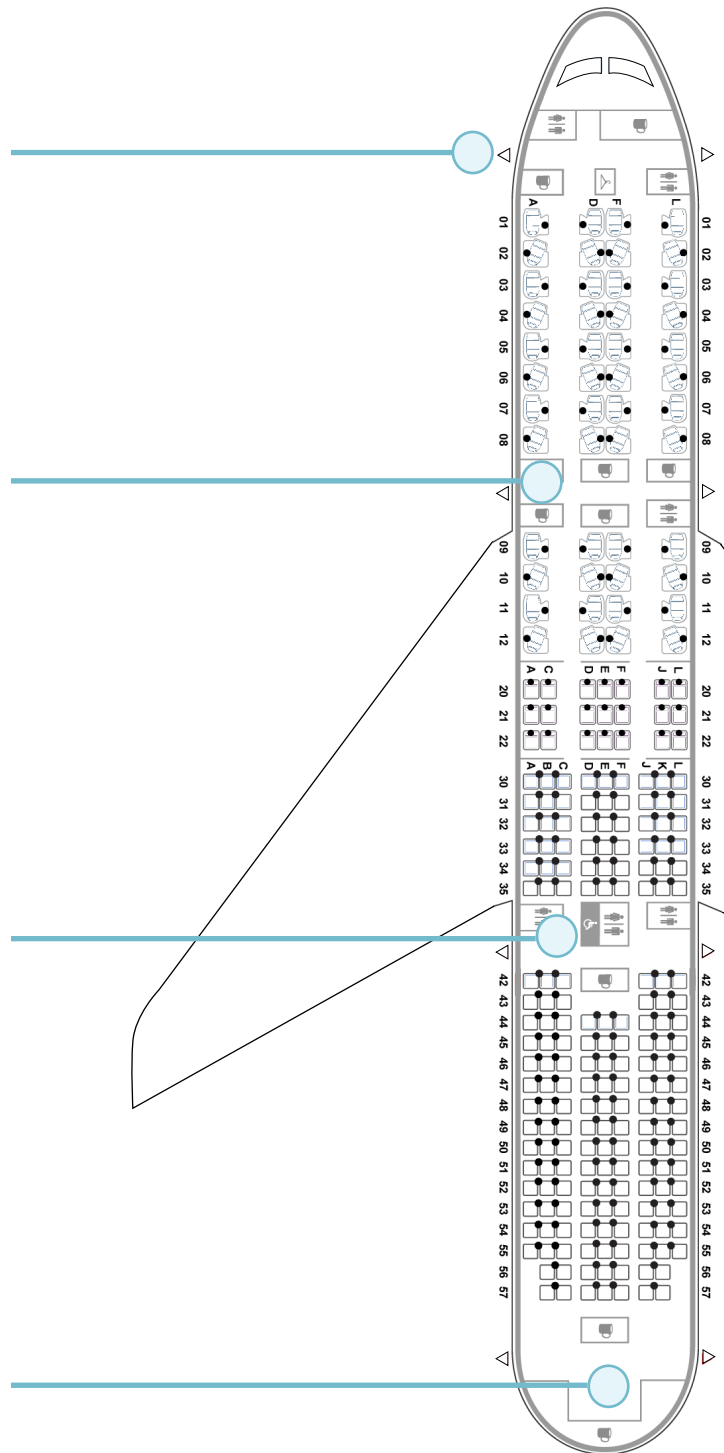
Bacoban 108 disinfecting wipes meets aviation standards and are twice the strength of the leading disinfecting wipe on the market. Bacoban products are approved for food processing use with no rinse necessary.*



Bacoban 106 is setting the new standard in cleaning and disinfecting with a product that kills 99.9% of SARS-CoV-2 in **30 seconds** while also **preventing** the growth of microorganism by creating a hygienic surface. Use wherever superior clean is necessary.



Daily deep cleaning and disinfecting with Bacoban 123 helps protect surfaces and human health, suitable for use on plastic, leather, metals, stone, and steel.



* For hard surfaces and/or objects that may come in direct contact with children at the mouthing stage of development, a rinse with potable water is recommended.



BACOBAN FOR AEROSPACE

OEM REFERENCE MATERIAL RELEVANT TO THE
SUPPORT OF OPERATORS DURING COVID-19



Information - 2019-nCoV Coronavirus Infection Control Guidance as Related to Commercial Aircraft - Corrected Copy Body: FROM: THE BOEING COMPA

Information - 2019-nCoV Coronavirus Infection Control Guidance as Related to Commercial Aircraft - Corrected

"No Technical Objection" (NTO) for Bacoban as an anti-microbial coating

Embraer updates cleaning recommendations for novel coronavirus

Added "no Technical Objection" (NTO) for Bacoban on aircraft interior PAX cabin finishing (leather, varnish, fabric, etc.) for an additional cleaning service.

Cleaning and disinfecting aircraft interiors

Each of these agents has been recommended as efficient against the Coronavirus family. Dassault recommends to always pick a disinfectant in the same family of disinfecting agents to avoid chemical reactions between different disinfecting agent residues.

2019 Novel Coronavirus

What disinfectants can you use? Bacoban for Aerospace is listed.

PRODUCT REFERENCE GUIDE



Bacoban™ 106 (750 ml) DIN: 02504243



Marketed Strength (% w/w BKC):
0.33%

Product SKU for Ordering (U/M):
106-S-750 (Case of 12)

Volume of Container (L):
0.75

- Kills 99.9% of SARS-CoV-2 in 30 seconds*
- Kills 99.99% of Pseudomonas aeruginosa, Staphylococcus aureus, and Salmonella enterica in 2 minutes*
- Kills 99.99% of bacteria and fungi*

Bacoban™ 106 (3.78 L) DIN: 02504243



Marketed Strength (% w/w BKC):
0.33%

Product SKU for Ordering (U/M):
106-J-378 (Case of 4)

Volume of Container (L):
3.78

- Kills 99.9% of SARS-CoV-2 in 30 seconds*
- Kills 99.99% of Pseudomonas aeruginosa, Staphylococcus aureus, and Salmonella enterica in 2 minutes*
- Kills 99.99% of bacteria and fungi*

Bacoban™ 106 (20 L) DIN: 02504243



Marketed Strength (% w/w BKC):
0.33%

Product SKU for Ordering (U/M):
106-P-20 (Pallet of 24)

Volume of Container (L):
20

- Kills 99.9% of SARS-CoV-2 in 30 seconds*
- Kills 99.99% of Pseudomonas aeruginosa, Staphylococcus aureus, and Salmonella enterica in 2 minutes*
- Kills 99.99% of bacteria and fungi*

Bacoban™ 108 (50 per pack) DIN: 02507633



Marketed Strength (% w/w BKC):
0.33%

Product SKU for Ordering (U/M):
108-W-50 (Case of 16)

Volume of Container:
50 per pack

Bacoban™ 123 (3.78 L) DIN: 02504278



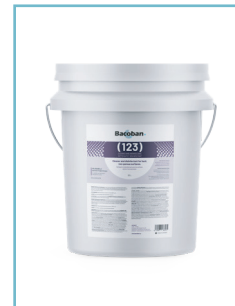
Marketed Strength (% w/w BKC):
0.99%

Product SKU for Ordering (U/M):
123-J-378 (Case of 4)

Volume of Container (L):
3.78

Kills 99.99% of viruses, bacteria, and fungi.

Bacoban™ 123 (20 L) DIN: 02504278



Marketed Strength (% w/w BKC):
0.99%

Product SKU for Ordering (U/M):
123-P-20 (Pallet of 24)

Volume of Container (L):
20

Kills 99.99% of viruses, bacteria, and fungi.

TESTIMONIALS



Bacoban® supplies WestJet products to help reduce the spread of viruses, bacteria, and fungi while also preventing the growth of bacteria and mold throughout the aircraft. Get “bac-on-board” and explore the world.

~ WestJet

It's important for me to keep my staff of healthcare professionals, and my patients safe in a clean and disinfected environment. After careful research, I chose to use Bacoban®, an efficient Canadian made solution that kills 99.99% of pathogens without the risk caused by harmful chemicals that are in other similar products.

~ Dr. Andrew Urban Smiles Dental

Our gym is disinfected a minimum of 3 times a day by camp staff, including wiping down frequently touched surfaces with Bacoban® cleaner and disinfectant that resolves the hygiene gap, it kills 99.99% of harmful viruses, bacteria, and fungi while also preventing the growth of bacteria, mold, and mildew.

~ Western Camp Services

Bacoban® has become a necessary staple in our disinfectant practices in our laboratory.

~ Valley Medical Laboratories

At the beginning of the Covid-19 pandemic, Harbour Air was looking for a product that we could use across all operations to keep employees and passengers as safe as possible. Using Bacoban as a cleaner and a disinfectant in all of our aircraft, corporate offices, communal staff spaces and passenger lounges was exactly what we needed. Bacoban has no smell, has caused no irritation and is now a trusted product that we recommend to anyone in our industry.

~ Harbour Air

Thanks Bacoban™ for your quality, Canadian products in helping us achieve our successes; such as GBAC.

~ Matthew Cox President & CEO