



# AeroZane 9H Ceramic Coating for Aircraft Technical Datasheet



---

## Product Description

Silizane Nano Ceramic Coating for Aviation use.

AeroZane 9H is the ultimate protective aero coating to apply onto aircraft fuselage paint, leaving an extremely durable, long lasting ceramic coating. Aviation approved.

Easy to apply, non-hazardous, AeroZane 9H extends the life of aircraft paint maintaining a high gloss finish whilst reducing cleaning costs.

PROPERTIES WAX (CARNAUBA) POLYMER AEROZANE 9H Hydrophobicity Excellent Excellent Excellent Durability Poor Good Excellent Skydrol Resistance Poor Poor Excellent Pencil Hardness 0 3H 9H+ Scratch Resistance Poor Poor Excellent UV Protection Good Good Excellent Oxidation Resistance Poor Fair Excellent Gloss Good Good Excellent

Application Instructions.

Apply in 2'x2' (60cm x 60cm) sections.

Drip 4 to 5 few drops of liquid coating onto an applicator pad or V-100 wipe and lightly apply it on the paint evenly by using a cross hatch pattern (horizontally then vertically).

Wait 1-5 minutes depending on the temperature of the working environment. You will see a faint separation or "flash" when it is ready for the next step.

Using a 400GSM clean lint free microfiber towel gently wipe the treated areas in straight lines to remove any excess coating and to level out any "high spots". Use only very! very! light pressure, just enough to keep the microfiber towel in your hand. Do Not Create Excess Friction.

Next flip to clean high pile side of microfiber and repeat the buffing again. Again, use only very! very! Light Pressure, just enough to keep the microfiber towel in your hand. Do Not Create Excess Friction.

Final Check the panel for excess coating or "high spots" and lightly even out the coating.

Leave to dry between 45 minutes to an hour before applying another coat. The maximum number of coats is 3.

\*DO NOT WET OR TOUCH THE PAINT WORK WITH FOR 24 HOURS. We suggest not using the aircraft for 24 hours after coating. DO NOT WASH FOR 7 DAYS to allow for max cure and hardness. Once opened, use the contents of the bottle within 30 days.

A 50ml bottle will coat 6 sqM with one coat.

Sold in 50ml bottles.

**SKU:** FA-AEZ9H

- Boeing D6-17487
- Airbus AIMS09-00-002

## Features

### Features:

- Protects for 2 years depending on flight hours.
- Reduces UV damage.
- Reduces paint oxidation.
- Leaves an easy-to-clean surface.
- Increases Skydrol resistance, less staining.
- Improved de-icing removal.
- Extremely hydrophobic.
- Extremely oleophobic.
- Reduces exhaust gas staining.
- Coating thickness 1 to 3 microns depending upon the number of coats.
- Withstands temperatures in excess of 600 deg C.
- Provides surface coating with a pencil hardness of greater than 9H.

### Product Description.

Silizane Nano Ceramic Coating for Aviation use. AeroZane 9H is the ultimate protective coating to apply onto aircraft fuselage paint leaving an extremely durable, long lasting ceramic coating.

### Features.

Aviation approved. Easy to apply, non-hazardous, AeroZane 9H extends the life of aircraft paint maintaining a high gloss finish whilst reducing cleaning costs.

### Core Benefits.

- Protects for 2 years depending on flight hours.
- Reduces UV damage.
- Reduces paint oxidation.
- Leaves an easy-to-clean surface.
- Increases Skydrol resistance, less staining.
- Improved de-icing removal.
- Extremely hydrophobic.
- Extremely oleophobic.
- Reduces exhaust gas staining.
- Coating thickness 1 to 3 microns depending upon the number of coats.
- Withstands temperatures in excess of 600 deg C.
- Provides surface coating with a pencil hardness of greater than 9H.

### Directions for use.

Apply in 2'x2' (60cm x 60cm) sections. Drip 4 to 5 few drops of liquid coating onto an applicator pad or V-100 wipe and lightly apply it on the paint evenly by using a cross hatch pattern (horizontally then vertically). Wait 1-5 minutes depending on the temperature of the working environment. You will see a faint separation or "flash" when it is ready for the next step.

Using a 400GSM clean lint free microfiber towel gently wipe the treated areas in straight lines to remove any excess coating and to level out any "high spots". Use only very! very! light pressure, just enough to keep the microfiber towel in your hand. Do Not Create Excess Friction.

Next flip to clean high pile side of microfiber and repeat the buffing again. Again, use only very! very! Light Pressure, just enough to keep the microfiber towel in your hand. Do Not Create Excess Friction. Final Check the panel for excess coating or "high spots" and lightly even out the coating. Leave to dry between 45 minutes to an hour before applying another coat. The maximum number of coats is 3.

**\*DO NOT WET OR TOUCH THE PAINT WORK WITH FOR 24 HOURS.** We suggest not using the aircraft for 24 hours after coating. **DO NOT WASH FOR 7 DAYS** to allow for max cure and hardness.

Once opened, use the contents of the bottle within 30 days.

A 200ml bottle will coat 24 sqM with one coat.

A 50ml bottle will coat 6 sqM with one coat.

### Safety & storage.

**WARNING.** Causes serious eye irritation. Spray away from the face. Do not get in eyes or on skin. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Avoid breathing product spray. Wash hands thoroughly after handling. Keep out of the reach of children.

