

Application Sheet

HS-907 Nano-Ceramic Clear Coat (12-20 micron DFT)

(for use on all aircraft horizontal and vertical surfaces)

HS-907 is a high performance • single component • ambient air cured thin-film Super-Slick product • Helping to reduce frictional drag, increase lift, increase speed & performance, decrease fuel consumption • HS-907 creates a covalent bond to the substrate, making it a permanent part of the surface • HS-907 has extreme hydrophobic properties making it a “Super-Slick” surface that won’t retain water • HS-907 helps prevent bonding of dirt, insect and other debris, snow or ice, etc. from treated surfaces • HS-907 helps prevent Oxidation of alloy metals & painted surfaces while allowing for easier cleaning •



- For proper application of the HS-907 Nano-Ceramic coating material, the intended surfaces must be clean, dry, free from oils, dirt and any other contaminants that may be present.
- HS-907 is normally applied directly onto surfaces where a Super-Slick Ceramic finish is desired; to help reduce frictional drag & help prevent bonding of dirt, insect and other debris, water, snow or ice and to help prevent oxidation and UV damage to surfaces.
 - HS-907 is a thin film coating; to applied at approx. 12 – 20 microns dry film thickness, helping to further reduce the overall weight gain of heavier film coatings.
 - HS-907 may be applied by HVLP spray or fiber type linear pad.
- Application method should be started at an edge, and followed through until there is complete coverage.
- HS-907 will be “Dry to the Touch” in approx. 15-30 minutes at ambient temperatures – but a warm air flow will speed the dry to touch time.
 - After 12-24 hrs after application at 28°C/79°F, products properties are quite high
 - Once “Dry to the touch” coating can be oven cured to decrease Cure time.
 - After 5 days at ambient temperature product becomes totally cured/crosslinked.
- HS-907 should be fully cured before being subjected to harsh environments

General Note: For general and easy maintenance of coated surfaces use HS-905 Super-Slick

Manufacturer is not responsible for the use and application of this material. It is up to the end user determine the suitability of this product for their own application. It is the belief that the contents of this document we- accurate at the time of printing. No warranty is written or implied regarding application and use.

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