



AeroKret Topcoat Paste

TECHNICAL DATA AND INFORMATION

AeroKret topcoat paste is a siloxane-based nano-composite formulation, recommended as a heavy-duty coating to resist erosion, corrosion, cavitation, and weathering. The coating is hydrophobic and has low adhesion to biomass and ice. The paste is applied on the AeroKret primed surface. The paste can be thinned and sprayed. It cures under ambient conditions and bonds through the entire thickness without forming a thick surface skin.

Type

One part, non-toxic, 100% siloxane based ambient cure coating and adhesive

Color

Dark gray, other colors on request

Density

8.4 to 8.7 pounds/gallon (1.01 to 1.05 grams/cc)

Theoretical Coverage

1040 to 1200 sq ft/mil/gallon

Thickness

A minimum thickness of 6 to 8 mils (150 to 200 microns) is recommended for most industrial applications. Maximum thickness in one application is about 30 mils (750 microns).

Packing

Shipped in ready to use condition - one pint, quart or gallon can

Shelf Life

2 years minimum in unopened condition

Unique Properties

Long pot life

Low temperature curing (40°F)

Application Methods

Trowel, roll or brush on AeroKret primed surface

Airless spray by thinning with equal weight of Xylene or Tertiary-Butyl Acetate solvent

Surface Preparation

Wipe the AeroKret primed surface clean with the topcoat paste, using a lint-free cloth for best adhesion.

Time to Service

Part can be handled after two hours and put to use after one day of curing.

Removal

Commercial paint strippers such as ACE Stripper, semi-paste, lacquer thinner or heat gun

Uses

Protective coating

Repair of local defects

Adhesive bonding

Service Temperature

-70 to 400°F (-55° to 200°C)

Other Formulations

High thermal conductivity, anti-static and other application specific properties

The information in this data sheet is based on the best available data and practices known to AS&M, Inc. It does not consist of representations or warranties of performance, results or comprehensiveness of such data.



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