

# ALPHACOAT 1700 Sprayable Filler

**Description:** Alphacoat 1700 is a sprayable two-part polyester-based filler/glazing compound that is VOC Compliant. Excellent for applications over iron, aluminum, fiberglass, wood, and polyester fillers. MEKP Catalyst is not included.

**Item Number** 100065 1700 Alphacoat drum lined

## FEATURES & BENEFITS

- Offers High build capabilities and fast cure times
- Self-leveling and extremely easy to sand
- Can be applied to a variety of substrates
- Corrosion Resistant
- Fills most major pits, grind marks, flaws, and surface imperfections
- Increases production rates
- Reduces labor and material costs
- Extremely fast sanding, without sandpaper clogging; reduces material cost
- Helps level uneven surfaces and reduce pinholes
- Prevents out gassing
- Does not require sanding or a sealer for subsequent coating adhesion

## TYPICAL MATERIAL PROPERTIES

Appearance	Packaging	Application Method	Approximate Coverage
Off-White	Drum	Sprayable	1,550 sq ft/gal/mil
Styrene	Mix ratio	Preferred red dyed Catalyst	Pot Life, min.
20 % (volume)	MEKP – 2%	MEKP-9H DDM-9	3 - 6
Air Dry to Sand, min.	Peak Exo. Temp. (100 gm) °F / °C	Density Range, lb/gal	Viscosity Range cP
60 - 90	N/A	9.10 – 9.60	1,200 – 1,400 (LVT#3@30 rpm)

Volume % Solids	Weight % Solids	PVC	Sprayability
87.0%	88.89%	43.3%	VG (assisted airless with dual capability)
Recommended film thickness	5% Salt Fog (ASTM B-117)	100% R.H. @ 100°F or 37°C	Equipment Clean-up
15 – 30 mils or 0.38 – 0.76 mm dry	500 hours + @ 20 mils or 0.5 mm	200 hours + @ 20 mils or 0.5 mm	Acetone or polar solvent. (Do not use Aliphatic solvents)

\*All properties are measured at 77°F / 25°C

## Preparation/Application Conditions

1. **Substrate: Surface:** Should be free of dirt, oil or any contaminant that could affect adhesion
2. **Prep for topcoat:** Rough sand with 100 to 180 grit dry, finish sand to desired smoothness
3. **Application ambient temperature:** Not recommended for application in ambient temperatures below 50°F or 10°C (lower temperatures will extend cure time)
4. **Surface temperature:** Not recommended for application on surfaces which the temperature is below 50°F or 10°C (lower temperatures will extend cure time).

# ALHPACOAT 1700 Sprayable Filler

## EFFECT OF TEMPERATURE:

Application at temperatures between 65°F (18°C) and 95°F (35°C) will ensure proper cure, ideally above 75°F. Temperatures below 65°F (18°C) or above 95°F (35°C) will slow down or increase cure rate significantly. To ensure consistent dispensing between equipment, resin and catalyst, temperatures should be held reasonably constant throughout the year. Resin in cured state behaves differently at elevated and low temperatures. See ITW Performance Polymers for specific values.

## STORAGE AND SHELF LIFE:

Expected Shelf life of 6 months, where shelf life is based on continuous storage between 54°F (12°C) and 95°F (35°C). Prolonged exposure above 95°F (35°C) quickly diminishes the reactivity of the product and should be avoided.

## PRODUCT USE:

Many factors beyond ITWPP's control and uniquely within user's knowledge and control can affect the use and performance of an ITWPP product in an application. Given the variety of factors that can affect the use and performance of our products, the user is solely responsible for evaluating the ITWPP product and determining whether it is fit for a particular purpose and suitable for the user's method of application. ITWPP recommends the User review all Safety Data Sheets, Technical Data Sheets and ITWPP's warranty and limited liabilities prior to use. These can be found at [www.itwpp.com](http://www.itwpp.com)

### Notes

1. **ITW PP strongly recommends that all substrates be tested with the selected laminate in the anticipated service conditions to determine suitability.**
2. **Industrial Use Only**

## DISCLAIMERS:

**TECHNICAL INFORMATION:** The technical information in, recommendations and other statements contained in this document are based upon good faith tests or experience that ITWPP believes are reliable, but the accuracy or completeness of such information is not guaranteed. The information provided is not intended to substitute for the customers own testing.

**EXCLUSION OF WARRANTIES:** AS TO THE HEREIN DESCRIBED MATERIALS AND TEST RESULTS, THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ITW PP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SINCE THE USE OF THE HEREIN DESCRIBED INVOLVES MANY VARIABLES IN METHODS OF APPLICATION, DESIGN, HANDLING, AND/OR USE, THE USER, IN ACCEPTING AND USING THESE MATERIALS, ASSUMES ALL RESPONSIBILITY FOR THE END RESULT. ITW PP SHALL NOT OTHERWISE BE LIABLE FOR LOSS OF DAMAGES, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL, REGARDLESS OF THE LEGAL THEORY ASSERTED, INCLUDING NEGLIGENCE, WARRANTY, OR STRICT LIABILITY.

**SprayCore**<sup>®</sup>

ITW Performance Polymers

30 Endicott Street Danvers, MA 01923

USA TEL: 855-489-7262

FAX: 978-774-0516

e-mail: [info@itwpp.com](mailto:info@itwpp.com)