

Aremco Corr-Paint™ CP2000 High Temperature Protective Coating Urethane, Carbon Filled

Category : Ceramic , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

These epoxy and urethane based coatings are used for producing corrosion and wear resistant barriers to 500°F. Typical applications include tanks, pipelines, boilers, precipitators, scrubbers, bag houses, cyclones, hoppers and other process equipment used in the power, pulp and paper, and chemical processing industries. One-part, Jet Black, oxidation and wear-resistant coatings for applications to 400°F.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Corr-Paint-CP2000-High-Temperature-Protective-Coating-Urethane-Carbon-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
Solids Content	49 %	49 %	volume
	67 %	67 %	weight
Volatile Organic Compounds (VOC) Content	342.7 g/l	342.7 g/l	
Viscosity	200 - 240 cP	200 - 240 cP	Mixed Viscosity
Thickness	50.8 microns	2.00 mil	recommended dry film thickness
	102 microns	4.00 mil	estimated wet film thickness
Storage Temperature	4.44 - 26.7 °C	40.0 - 80.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Flash Point	60.0 °C	140 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Dry Time	3.00 - 7.00 hour	3.00 - 7.00 hour	Recoat
	4.00 - 6.00 hour	4.00 - 6.00 hour	Touch
	6.00 - 8.00 hour	6.00 - 8.00 hour	Handling
Cure Time	60.0 min	1.00 hour	>0.5 Hour Air Set Required Prior to Curing
	@Temperature 121 °C	@Temperature 250 °F	
	1440 min	24.0 hour	

Processing Properties	Metric @ Temperature 22.2 °C	English @ Temperature 72.0 °F	Comments
Shelf Life	12.0 Month @Temperature 23.0 °C	12.0 Month @Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color	Gloss Black	
Dry Film Coverage ft ² /gal	722	at 1 mil
Primer	Not Required or Recommended	
Thinner	Hi-Flash Naphtha	

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