

Aremco Corr-Paint™ CP2010 High Temperature Protective Coating Urethane, Aluminum 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, Aluminum, 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-CP2010-High-Temperature-Protective-Coating-Urethane-Aluminum-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	
Solids Content	66 %	66 %	volume
	70 %	70 %	weight
Volatile Organic Compounds (VOC) Content	359.5 g/l	359.5 g/l	
Viscosity	300 - 600 cP	300 - 600 cP	Mixed Viscosity
Thickness	66.0 microns	2.60 mil	recommended dry film thickness
	102 microns	4.00 mil	estimated wet film thickness
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °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	4.00 - 6.00 hour	4.00 - 6.00 hour	Touch
	6.00 - 8.00 hour	6.00 - 8.00 hour	Handling
	6.00 - 12.0 hour	6.00 - 12.0 hour	Recoat
Cure Time	60.0 min @Temperature 121 °C	1.00 hour @Temperature 250 °F	>1 Hour Air Set Required Prior to Curing
	1440 min	24.0 hour	>1 Hour Air Set Required Prior to

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

Descriptive Properties	Value	Comments
Color	Aluminum	
Dry Film Coverage ft2/gal	1058	at 1 mil
Primer	Not Required or Recommended	
Thinner	Hi-Flash Naphtha	

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