

Aremco Corr-Paint™ CP3015-AL High Temperature Protective Coating Inorganic, Mixed Oxides Filled

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

Material Notes:

These inorganic-ceramic, aqueous-based coatings provide outstanding resistance to thermal shock, oxidation and chemical corrosion in 1500°F. Aluminum-ceramic filled coating to 1200°F.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Corr-Paint-CP3015-AL-High-Temperature-Protective-Coating-Inorganic-Mixed-Oxides-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	
Solids Content	19.3 %	19.3 %	by volume
	36.8 %	36.8 %	by weight
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	
Viscosity	250 - 900 cP	250 - 900 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	132 microns	5.20 mil	estimated wet film thickness
Storage Temperature	4.44 - 29.4 °C	40.0 - 85.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	649 °C	1200 °F	
Flash Point	>= 100 °C	>= 212 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Dry Time	1.00 - 2.00 hour	1.00 - 2.00 hour	Touch
	2.00 - 4.00 hour	2.00 - 4.00 hour	Handling
	1 - 24 hour	1 - 24 hour	Recoat
Cure Time	>= 60.0 min	>= 1.00 hour	Air Set prior to curing
	120 min @Temperature 93.3 °C	2.00 hour @Temperature 200 °F	Curing is not required if product is exposed to a minimum of 500°F within 24-48 hours of application.

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Aluminum	
Dry Film Coverage ft ² /gal		309	at 1 mil
Primer		Not Required	
Thinner		CP3015-AL-T	

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