

Grade: ARMC-840-M

Manufacturer: Aremco Products, Inc.
Description: Ceramic-based, black-pigmented, high-emissivity coating for carbon and stainless steel used in infrared heaters, ovens and furnaces to 2000°F (1093°C).

PROPERTY	US VALUE		METRIC VALUE	
Type	Inorganic			
Filler	Ceramic			
Temperature	2000	°F	1093	°C
Solids by Weight	43.4	%		
Solids by Volume	45.4	%		
WFT	3.0 (76.2)	mils (microns)		
DFT	1.3 (33.0)	mils (microns)		
Theoretical Dry Film Coverage	722	@ 1 mil, ft ² /gal	17.7	m ² /liter
Application Temperature MIN	50	°F	10	°C
Application Temperature MAX	90	°F	32	°C
Drying Touch	.5	hours		
Drying Handling	.5	hours		
Drying Recoat	.5/1	Min/Max hours		
Min Air Set	1	hours		
Heat Cure	200, 1	°F, hours	93, 1	°C, hours
Color	Black			
No. Components	1			
Mixed Viscosity	250-400	@ 25°C, cps		
Thinner	840M-T			
Specific Gravity	1.13	gms/cc		
VOC's	0.00	lbs/gal		
Shelf Life	6	months		
Storage Temperature	65	°F	18	°C