

Grade: ARMC-840-C

Manufacturer:	Aremco Products, Inc.
Description:	Single part, ceramic-based, black-pigmented, high-emissivity coating for ceramic fiber modules and refractories used in heaters, ovens and furnaces to 2500°F (1371°C).

PROPERTY	US VALUE		METRIC VALUE	
Type	Inorganic			
Filler	Ceramic			
Temperature	2500	°F	1371	°C
Solids by Weight	63.0	%		
Solids by Volume	45.0	%		
WFT	4.0 (101.6)	mils (microns)		
DFT	1.8 (45.7)	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	NA	hours		
Drying Handling	NA	hours		
Drying Recoat	.5/1	Min/Max hours		
Min Air Set	3	hours		
Heat Cure	not required	°F, hours	not required	°C, hours
Color	Black			
No. Components	1			
Mixed Viscosity	800 - 1,000	@ 25°C, cps		
Thinner	840C-T			
Specific Gravity	1.89	gms/cc		
Shelf Life	6	months		
Storage Temperature MIN	55	°F	13	°C
Storage Temperature MAX	85	°F	29	°C