

Grade: ARMC-840-CM

Manufacturer:	Aremco Products, Inc.
Description:	Single part ceramic-based, black-pigmented, high-emissivity coating for dense refractories to 2500°F (1371°C) and stainless steel to 900°F (482°C).

PROPERTY	US VALUE		METRIC VALUE	
Type	Inorganic			
Filler	Ceramic			
Temperature	2500	°F	1371	°C
Solids by Weight	48.0	%		
Solids by Volume	19.9	%		
WFT	5.03 (127.7)	mils (microns)		
DFT	1.0 (25.4)	mils (microns)		
Theoretical Dry Film Coverage	319	@ 1 mil, ft ² /gal	7.8	m ² /liter
Application Temperature MIN	50	°F	10	°C
Application Temperature MAX	90	°F	32	°C
Min Air Set	1	hours		
Heat Cure	200, 0.5 + 500, 1	°F, hours	not required	°C, hours
Color	Jet Black			
No. Components	1			
Mixed Viscosity	600 - 800	@ 25°C, cps		
Thinner	840CM-T			
Specific Gravity	1.54	gms/cc		
Shelf Life	6	months		
Storage Temperature	65	°F	18	°C