

Grade: ARMC-542

Manufacturer: Aremco Products, Inc.

Description: Inorganic, water-dispersed, aluminum-phosphate binder that resists temperatures to 3000°F (1650°C).

PROPERTY	US VALUE		METRIC VALUE	
Type	Inorganic			
Temperature	3000	°F	1649	°C
Solids by Weight	41.0	%		
Solids by Volume	22.0	%		
WFT	4.54 (115.3)	mils (microns)		
DFT	1.0 (25.4)	mils (microns)		
Theoretical Dry Film Coverage	353	@ 1 mil, ft ² /gal	8.7	m ² /liter
Application Temperature MIN	50	°F	10	°C
Application Temperature MAX	90	°F	32	°C
Min Air Set	1-2	hours		
Heat Cure	200, 1 + 500, 1 + 700, 1	°F, hours	not required	°C, hours
Color	Clear			
No. Components	1			
Mixed Viscosity	35-45	@ 25°C, cps		
Thinner	Water			
Specific Gravity	1.47	gms/cc		
Shelf Life	6	months		
Storage Temperature MIN	55	°F	13	°C
Storage Temperature MAX	85	°F	29	°C