

HIGH-PERFORMANCE EPOXY GROUT**PHYSICAL PROPERTIES**

Laboratory Tests		Results	
C-1181 Compressive Creep (400 psi, 140F)		<0.005 in/in	
D-2471 Gel Time		120 Minutes	
C-884 Thermal Compatibility		Pass	
D-2471 Peak Exotherm		170F	
D-635 Fire Resistance		Self-Extinguishing	
C-531 Linear Shrinkage on Cure		0.007%	
C-882 Bond Strength		4,000 psi	
C-905 Density		138 lb/cu. Ft.	
C-579 Compressive Modulus		2,200,000 psi	
C-579 Compressive Strength @ 75F		14,500 psi	
C-531 Coefficient of Thermal Expansion		18x10 ⁻⁶ in/in/F	
C-580 Modulus of Elasticity		2,000,000 psi	
C-580 Flexural Strength		5,000 psi	
C-307 Tensile Strength		3,200 psi	
C-307 Tensile Modulus of Elasticity		1,900,000	
Percent Solids		100%	
VOC Content		0 g/L	
C-413 Water Absorption		0.05%	
Maximum Pour Depth		8 inches	
Cure Temperature	Working Time	Initial Cure	Compressive Strength
55F	5 hrs.	40 hrs.	11,500 psi
65F	4 hrs.	36 hrs.	12,900 psi
75F	2.5 hrs.	30 hrs.	14,500 psi
85F	55 Minutes	24 hrs.	15,700 psi
95F	40 Minutes	15 hrs.	17,100 psi
105F	25 Minutes	9 hrs.	18,000 psi