

November 1, 2019

AC200+® Adhesive Anchoring System and ASTM C881 Requirements

The AC200+ adhesive anchoring system meets the requirements of ASTM C 881 and AASHTO M235, Types I, II, IV and V, Grade 3, Class A. The material test results in accordance with ASTM C881 are as follows:

Test	AC200+ Class A	ASTM C 881 Requirements	
Consistency, <i>in</i>	0.008	Max 1/4", Grade 3 All types	
Compressive Yield Strength, <i>psi</i> 7 days (ASTM D 695)	15,105	Types I & V: 8,000 psi min Type II: 5,000 psi min Type IV: 10,000 psi min	
Compressive Modulus, <i>psi</i>	412,928	Types I & V: 150,000 psi min Type II: 90,000 psi min Type IV: 200,000 psi min Type III: 130,000 psi max	
Water Absorption, %, 24hr (ASTM D 570)	0.6	Types I through IV: Max 1%	
Bond Strength, <i>psi</i> (ASTM C 882)	2 Days (moist cure)	1,698	Types I through IV: 1,000 psi min
	14 Days (moist cure)	1,776	Types I through IV: 1,500 psi min
Linear Coefficient of Shrinkage on cure, <i>in/in</i>	0.005	Max 0.005 inches per inch	
Heat Deflection Temperature, °F, 7 days	181	Type IV & V: 120°F min	
Gel time, <i>min</i>	30	30 minutes min	

If there are any questions or if you require any additional information, please contact us.