

## Product Certification Letter

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**SPEC MIX**

January 14, 2014

**Product Description:** 80 lb. SPEC MIX® Tuckpoint Mortar  
3000 lb. Tuckpoint Mortar  
**Item Number:** 19031  
SM19031  
**Manufacturing Plant:** QUIKRETE® - Wisconsin

**COLOR TO BE  
FROST 3510**

To: Whom It May Concern

This letter certifies that SPEC MIX® Tuckpoint Mortar as referenced above meets the requirements of ASTM C 1714 and the performance requirements of an ASTM C 270 Type O mortar. Please reference the Material Test Report for Item Number 19031 for test results of the design.

The raw materials used in this product formulation meeting the standard specifications include: Type I Portland Cement meeting ASTM C 150, *Standard Specification for Portland Cement*, Hydrated Lime Type S meeting ASTM C 207, *Standard Specification for Hydrated Lime for Masonry Purposes*, and Mason Sand meeting ASTM C 144, *Standard Specification for Aggregate for Masonry Mortar*.

It is available as a standard gray, as well as in a variety of standard and custom colors. For custom colors, or versions with integral water repellent, the finished product item number will vary from the base design item number above depending upon the integral water repellent and / or specific pigment. These versions will also meet the specifications described above.

Mortar property characteristics including compressive strength are specified according to ASTM C 270 with laboratory testing. ASTM C 270 (property specification) is not for use to specify minimum compressive strengths to be achieved by field mixed mortars. Field mixed mortar may be tested according to ASTM C 780 to evaluate mortar properties such as mortar water content or consistency. As defined in ASTM C 1586, compressive strength values determined through ASTM C 780 in the field are **not expected nor required** to achieve the compressive strengths of laboratory tested ASTM C 270 specification mortars.

We are pleased to be of service to you. If you have any questions, please let us know.



Wendy Henry  
Quality Assurance Manager

WMH: DM

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# Material Test Report

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Product Description: 80 lb. SPEC MIX® Mortar  
 Item Number: 19031  
 Manufacturing Plant: QUIKRETE® of Wisconsin, Inc.

### Sample Identification

### Initial Testing

Test Date:	2/6/2013	Test	Specification	Results
Lab Code:	12-2789	Water (%)	As required	17
		Consistency	105 - 115% @25d	106
		Unit Weight	1	120
		Set Time		
		Air (%)		

### Strength Testing

Test Age	Compressive Strength (psi)		Flexural Strength (psi)	
	Specification	Result	Specification	Result
1 day				
3 day				
7 day	1	1140		
28 day	350	1340		

### Other Testing

Test	Specification	Test Results
Water Retention	>= 75%	92

Certified by:

Wendy Henry  
 Quality Assurance Manager

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