

September 13, 2017

Mr. Dave Hoyt  
Curecrete Distribution, Inc.  
300 Ben Fairless Drive  
Fairless Hills, PA 19030

Phone: 801-489-5663  
Fax: 801-489-3307  
Email: Dave.Hoyt@ashfordformula.com

Subject: **Electrical Resistance of Dissipative Resilient Flooring  
ASTM F150 Testing  
Project Name: Comparative Testing  
TEC Project No.: 11-0908  
TEC Laboratory No.: 17-896-2**

Dear Mr. Hoyt,

Testing Engineering and Consulting Services, Inc. (TEC Services) is an AASHTO R18 and Army Corp of Engineers accredited independent laboratory in compliance with ANS/ISO/IEC Standard 17025:2005. TEC Services is pleased to present this report of testing on the three submitted 12" x 12" concrete slab specimens received August 31, 2017. The specimens were provided by Curecrete. The specimens were designated as Wet Cure & RetroPlate polished to 800 grit. This work was performed in accordance with our Service Agreement (TEC-PRO-11-0908). The testing was performed on September 5, 2017. The test results presented only pertain to the samples tested.

The purpose of the testing was to evaluate the submitted specimens for electrical resistance in general accordance with ASTM F150-06 - *Standard Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring*.

- **ASTM F150 - Electrical Resistance of Dissipative Resilient Flooring**

All specimens were conditioned for a minimum of 24 hours at  $73.4 \pm 1.8^{\circ}\text{F}$  and  $50 \pm 5\%$  relative humidity, and were tested in the same environment. The apparatus used was a Self-Contained Resistance Meter capable of open circuit voltages of 100 VDC. The meter was placed on each specimen for a minimum of 15 seconds and allowed to stabilize before a reading was taken. The spacing distance between the probe was six inches. Five readings were taken to establish an average resilience. The testing area for each specimen was determined to be 1.0 ft<sup>2</sup>. Results are located in Table 1.

**Table 1 – ASTM F150 - Results of Electrical Resistance**

Specimen ID	Test 1	Test 2	Test 3	Test 4	Test 5	Average	Rating
Wet Cure	$10^7 \Omega$	$10^7 \Omega$	$10^7 \Omega$	$10^7 \Omega$	$10^7 \Omega$	$10^7 \Omega$	Static Dissipative
RetroPlate 800 grit	$10^8 \Omega$	$10^8 \Omega$	$10^8 \Omega$	$10^8 \Omega$	$10^8 \Omega$	$10^8 \Omega$	Static Dissipative

We appreciate the opportunity to provide our services to you on this project. Please do not hesitate to contact us at your convenience if you have any questions about this report or if we may be of further assistance.

**TESTING, ENGINEERING & CONSULTING SERVICES, INC.**



Michael Lyon  
Project Manager



James G. McCants III  
Laboratory Manager, Chemist