



April 4, 2024

Mike LeMark
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Subject: **Report of Electrical Resistance Testing – ASTM F150**
Product: Lithseal Lite & Spechard
TEC Services Lab ID: 24-629

Dear Mr. LeMark,

SGS 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 17025:2017. TEC Services is pleased to present this report on the testing of the two submitted coating products in March of 2024. The coatings were designated as LithSeal Lite and Spechard. Each coating was applied to a standard concrete slab meeting the requirements of ISO 13007-2 at an application rate of 250 sq ft/gallon. The coatings were allowed to cure for 7 days prior to evaluation. The purpose of our services was to evaluate in accordance with the below referenced standard. Our services were performed in accordance with the terms and conditions of our Service Agreement. The test results pertain only to the samples tested.

ASTM F150-06 (2018) *Standard Test Method for Electrical Resistance of Conductive and Static Dissipative Resilient Flooring*

The purpose of this testing is to ensure that conductive and static dissipative flooring materials meet specific electrical resistance requirements to effectively control static electricity within a given environment. The test involves measuring the electrical resistance of the flooring material using a specified apparatus and methodology outlined in the ASTM F150 standard. The flooring or coating sample is prepared and placed between two electrodes, spaced 3 ft apart, and a controlled voltage is applied. The electrical resistance of the flooring or coating is then calculated based on the voltage and current measurements. Test results for the submitted samples is reported in Table 1.



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Table 1 – ASTM F150 – Electrical Resistance Testing Results

Sample ID	Test Replicate	Electrical Resistance (ohms)	Rating
LithSeal Lite	1	10 ⁷	Static Dissipative
	2	10 ⁷	Static Dissipative
	3	10 ⁷	Static Dissipative
	4	10 ⁷	Static Dissipative
	5	10 ⁷	Static Dissipative
	Average	10⁷	Static Dissipative
SpecHard	1	10 ⁶	Static Dissipative
	2	10 ⁶	Static Dissipative
	3	10 ⁶	Static Dissipative
	4	10 ⁶	Static Dissipative
	5	10 ⁶	Static Dissipative
	Average	10⁶	Static Dissipative
Control	1	10 ⁷	Static Dissipative
	2	10 ⁷	Static Dissipative
	3	10 ⁷	Static Dissipative
	4	10 ⁷	Static Dissipative
	5	10 ⁷	Static Dissipative
	Average	10⁷	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
General Manager, Principal Chemist