

May 23, 2023

Imad Madanat Tephra USA 2364 Treehaven Dr. Snellville, GA 30078 Email: info@tephrausa.com Phone: (770) 825-1114

Subject: Report of Product Testing Product: Moshe 3000 Repel Lab No.: 23-821-2

Dear Mr. Madanat:

SGS Testing Engineering & Consulting Services, Inc. (SGS TEC Services) is an AASHTO R18, ANS/IEC/ISO 17025:2017, and Army Corps of Engineers accredited laboratory. SGS TEC Services is pleased to present this report of testing on the subject product submitted to our laboratory in May of 2023. Testing was performed in accordance with the terms and conditions of our Service Agreement. These test results pertain only to the sample tested. The purpose of the testing was to evaluate the submitted product in accordance with the Standards referenced below:

• ASTM D1308-21 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes

## ASTM D1308 – Chemical Resistance

The purpose of our testing was to evaluate the effects of coating for concrete using the covered spot method per ASTM D1308-13 *Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes*. A drop of solution was placed onto the surface of the subject coating. The sample was then placed in the test room for 24 hours at  $73.4 \pm 3.5^{\circ}$ F and  $50 \pm 2\%$  humidity. At the conclusion of the test period the sample was checked for visible signs of discoloration, blistering, softening, swelling, loss of adhesion, or special phenomena. No significant sign of distress under these categories was observed

SGS Testing, Engineering and Consulting Services, Inc. appreciates the opportunity to provide our professional services for this important project. If you have any questions regarding this report, or if we can be of further assistance, please contact us at 770-995-8000. Sincerely,

SGS TESTING, ENGINEERING & CONSULTING SERVICES, INC.

and

Tom Dang Project Manager

Attachments: Tables 1 - 2 | Photo 1 - 3

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James. G. McCants III Laboratory Manager, Chemist



SGS TEC SERVICES 235 Buford Drive | Lawrenceville GA 30046 770-995-8000 | www.tecservices.com



Report of Product Testing Product: Moshe 3000 Repel Lab No.: 23-821-2

Table 1 – Troduct Information & Mix Troportions	
Product Name	Moshe 3000 Repel Repel
Conditioning Temperature	$73 \pm 2^{\circ}F$
Curing Temperatures	$73 \pm 2^{\circ}F$
Components	1 Component
Total Thickness	20 mil WFT
# of Coats	2
Mixing Time	3 minutes
Mixer Type	Drill Paddle
	Pass – No Significant sign of
<b>ASTM D1308</b>	distress under these
	categories was observed

**Table 1 – Product Information & Mix Proportions** 

## Table 2 – ASTM D1308 – Stain Testing

Chemical Agent	Observation
Distilled Water - Cold	No Stain
Distilled Water - Hot	No Stain
Ethyl Alcohol - 50% volume	No Stain
Vinegar	No Stain
Alkali Solution - 10% HCl	No Stain
Acid Solution - 5% NaOH	No Stain
Soap	No Stain
Detergent	No Stain
Lighter Fluid	No Stain
Vegetable Oil	No Stain
Coffee	Stain
W-40	No Stain

Photo 1 – ASTM D1308 – Staining Test – Prior to Testing



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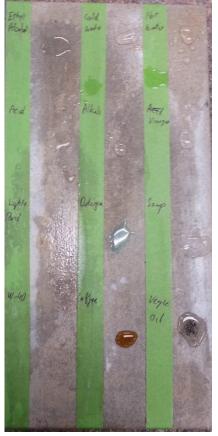


Photo 2 – ASTM D1308 – Staining Test – Testing





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