

November 17, 2022

Imad Madanat
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Email: info@tephrausa.com
Phone: (770) 825-1114

Subject: Report of Product Testing Report
Product: Moshe 3000 Stone
Lab No.: 22-1808

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 April of 2022. 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 D6904-13 *Standard Practice for Resistance to Wind-Driven Rain for Exterior Coatings Applied on Masonry*

ASTM D6904 – Wind-Driven Rain

Two 1.75" x 8" x 15" concrete substrate with an ICRI CSP-3 finish were coated with the submitted material at 20 mil WFT in 2 coats, and an uncoated specimen for control. Specimens were cured for 24 hours prior to testing. Testing was performed in accordance with ASTM D6904. The samples were attached to the testing box and exposed to the water spray for approximately 24 hours. The water was sprayed at a rate of 60 to 70 gallons per hour and at 5 inches of water pressure (equivalent dynamic pressure at 98 mph wind velocity). The pressure and water rate were checked periodically throughout the test in order to ensure consistency. At completion of the testing signed of visible leaking or any visible saturation of the CMU blocks were recorded.

Table 1 – Product Information & Mix Proportions

Product Name	Moshe 3000 Stone
Conditioning Temperature	73 ± 2°F
Curing Temperatures	73 ± 2°F
Components	1 Component
Total Thickness	20 mil WFT
# of Coats	2

Table 2 – ASTM D6904 – Wind-Driven Rain – Moshe 3000 Stone

Specimen ID	Initial Weight (g)	Final Weight (g)	Weight Gain (g)	% Change
1	6768.3	6768.3	0.00	0.00
2	6516.2	6516.2	0.00	0.00
Average			0.07	0.00

Table 3 – ASTM D6904 – Wind-Driven Rain – Control

Specimen ID	Initial Weight (g)	Final Weight (g)	Weight Gain (g)	% Change
1	6588.4	6596.1	7.70	0.12
Average			7.70	0.12

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.



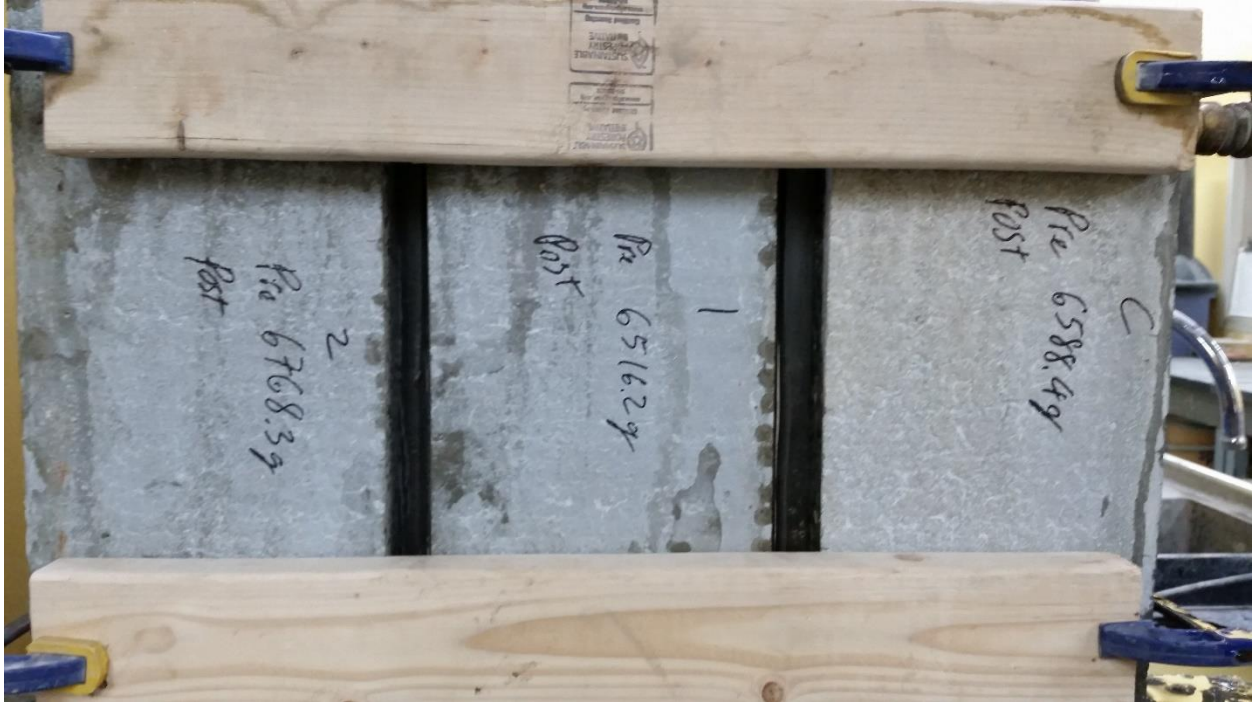
Tom Dang
 Project Manager



James G. McCants III
 Laboratory Manager, Chemist

Attachments: Picture 1-2

Picture 1 – ASTM D6904 – Specimens Prior to Testing



Picture 2 – ASTM D6904 – Specimens After 24 hr. Testing

