

Slip Resistance Testing Reports

RetroGuard™

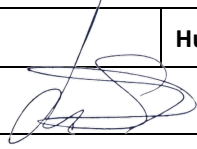
Documents Index

Page #	Document Title
2	A326.3 Test Report - RetroGuard 400 GRIT
3	A326.3 Test Report - RetroGuard 800 GRIT
4	NFSI B101.1 Test Report - RetroGuard 400 GRIT
5	NFSI B101.1 Test Report - RetroGuard 800 GRIT
6	NFSI B101.3 Test Report - RetroGuard 400 GRIT
7	NFSI B101.3 Test Report - RetroGuard 800 GRIT



ANSI A326.3:2021 – Test Report

ANSI A326.3:2021 - DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION (DCOF) OF HARD SURFACE FLOORING MATERIALS

Date:	08/22/2024	Temperature:	33.2 C	Humidity:	53%
Tribometer Operator:	Justin Stewart, WACH	Signature of auditor/technician:			
Manufacturer Name:	Curecrete Chemical Company	Product Name:	RetroGuard		
Product type:	Stain Protectant				
Description of material:	Product installed on Cast-in-Place Concrete with 400 Grit Polish				
Tribometer Used:	GS-1	Tribometer Serial #:	14A037	Calibration date:	08/21/2024
Sensor/Testfoot Material:	SBR	Conditions of Tests:	Wet with SLS Solution per A326.3:2021		
Surface Condition:	New installation	Cleaning chemical used:	Distilled Water		
Tribometer Calibration validation date:	08/21/2024	Validation Tile used:	GS-1 Calibration Tile (0.685 +/- 0.035)		
Before Test Validation:	.67	PASS	After Test Validation:	.66	PASS

Scope: The sample tested was produced in place by the manufacturer and treated with the products as indicated. This testing was done on a newly finished area and was tested “as is”. The sample was “cleaned” with distilled water just prior to testing.

Procedure: This testing was performed using Johnson Forensic Lab's GOLD STANDARD 1 (GS-1) instrument in wet conditions using 0.05 % Sodium-Lauryl Sulfate (SLS) in water.

The SBR sensor is used as a sliding element with standard characteristics as described in ANSI A326.3.

WET DCOF TEST RESULTS

Sample	Direction 1	Direction 2	Direction 3	Direction 4	DCOF Average
1	.54	.53	.54	.53	.54
2	.54	.53	.50	.50	.52
3	.52	.49	.50	.49	.50

Average DCOF Result:	.52
-----------------------------	-----

Testing performed by Justin Stewart, WACH
Stewart Specialty Services
2985 South 3600 West
West Valley City, UT 84119

Warning: This test report may not be reproduced in any manner or part without our written approval. The results reported only refer to the samples tested, as received, and are only valid under the conditions in which the work was carried out. The samples tested were produced by the customer and were tested and labeled as they were presented; we accept no liability for them.



ANSI A326.3:2021 – Test Report

ANSI A326.3:2021 - DETERMINATION OF DYNAMIC COEFFICIENT OF FRICTION (DCOF) OF HARD SURFACE FLOORING MATERIALS

Date:	08/22/2024	Temperature:	33.2 C	Humidity:	53%
Tribometer Operator:	Justin Stewart, WACH	Signature of auditor/technician:			
Manufacturer Name:	Curecrete Chemical Company	Product Name:	RetroGuard		
Product type:	Stain Protectant				
Description of material:	Product installed on Cast-in-Place Concrete with 800 Grit Polish				
Tribometer Used:	GS-1	Tribometer Serial #:	14A037	Calibration date:	08/21/2024
Sensor/Testfoot Material:	SBR	Conditions of Tests:	Wet with SLS Solution per A326.3:2021		
Surface Condition:	New installation	Cleaning chemical used:	Distilled Water		
Tribometer Calibration validation date:	08/21/2024	Validation Tile used:	GS-1 Calibration Tile (0.685 +/- 0.035)		
Before Test Validation:	.67	PASS	After Test Validation:	.66	PASS

Scope: The sample tested was produced in place by the manufacturer and treated with the products as indicated. This testing was done on a newly finished area and was tested “as is”. The sample was “cleaned” with distilled water just prior to testing.

Procedure: This testing was performed using Johnson Forensic Lab's GOLD STANDARD 1 (GS-1) instrument in wet conditions using 0.05 % Sodium-Lauryl Sulfate (SLS) in water.

The SBR sensor is used as a sliding element with standard characteristics as described in ANSI A326.3.

WET DCOF TEST RESULTS

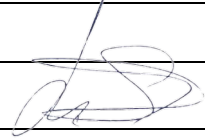
Sample	Direction 1	Direction 2	Direction 3	Direction 4	DCOF Average
1	.48	.50	.49	.49	.47
2	.51	.51	.50	.49	.50
3	.52	.49	.50	.49	.50

Average DCOF Result:	.50
-----------------------------	-----

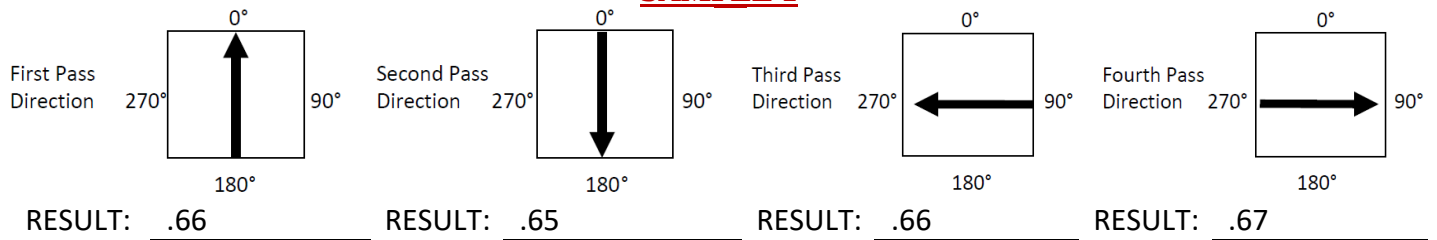
Testing performed by Justin Stewart, WACH
Stewart Specialty Services
2985 South 3600 West
West Valley City, UT 84119

Warning: This test report may not be reproduced in any manner or part without our written approval. The results reported only refer to the samples tested, as received, and are only valid under the conditions in which the work was carried out. The samples tested were produced by the customer and were tested and labeled as they were presented; we accept no liability for them.

NFSI B101.1 Wet SCOF Test Report for Phase 1

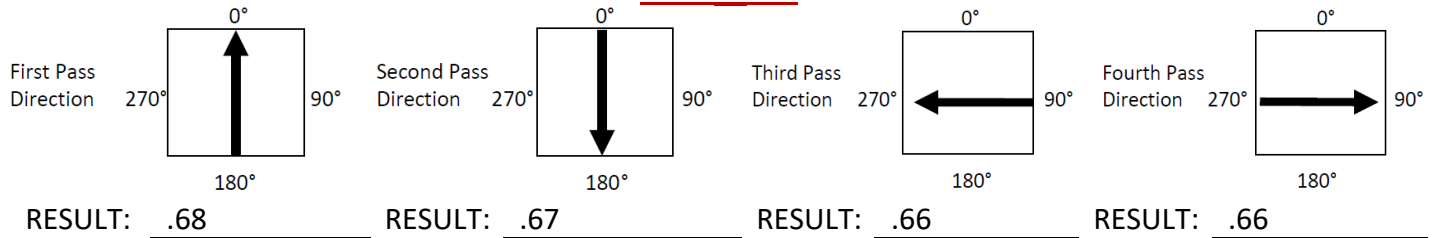
Date: <u>08/22/2024</u>		Temperature of the laboratory: <u>33.2 C</u>	
Manufacturer Name: <u>Curecrete Chemical Company</u>		Product Name: <u>RetroGuard</u>	
Product type (include a picture): <u>Stain Protection</u>			
Description of material tested (i.e.: intended location and use, etc.): <u>Cast-in- Place Concrete with 400 Grit Polish</u>		Signature of auditor/technician: 	
Tribometer Used: <u>GS-1</u>		Tribometer Serial number: <u>14A037</u>	
Calibration dates and calibration verification dates of tribometer: <u>08/21/2024</u>		test tile used: <u>GS-1 Calibration Tile</u>	

SAMPLE 1



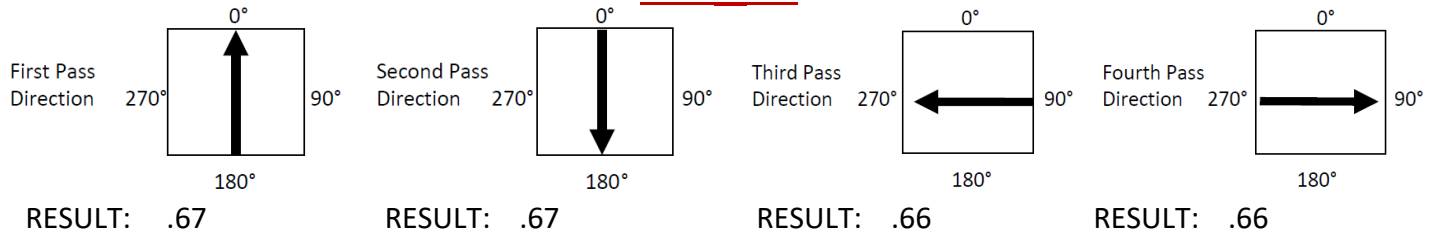
Average SCOF Result: .66

SAMPLE 2



Average SCOF Result: .67

SAMPLE 3



Average SCOF Result: .67

TOTAL AVERAGE SCOF RESULT: .67

NFSI B101.1 Wet SCOF Test Report for Phase 1

Date: 08/22/2024 Temperature of the laboratory: 34.1 C

Manufacturer Name: Curecrete Chemical Company Product Name: RetroGuard

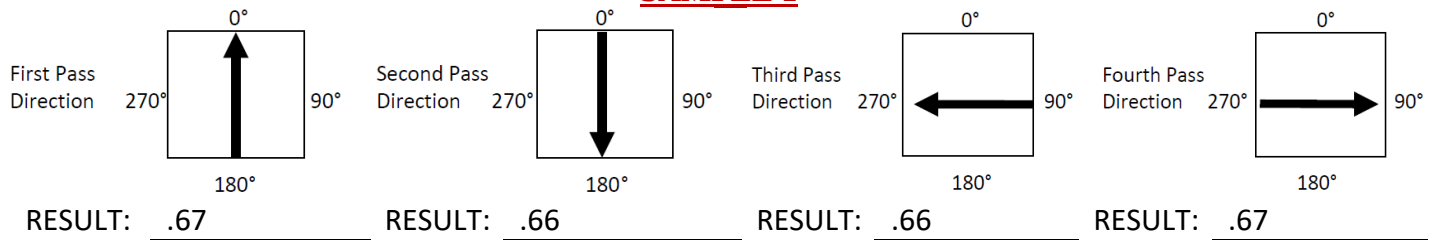
Product type (include a picture): Stain Protection

Description of material tested (i.e.: intended location and use, etc.): Cast-in- Place Concrete with 800 Grit Polish Signature of auditor/technician: 

Tribometer Used: GS-1 Tribometer Serial number: 14A037

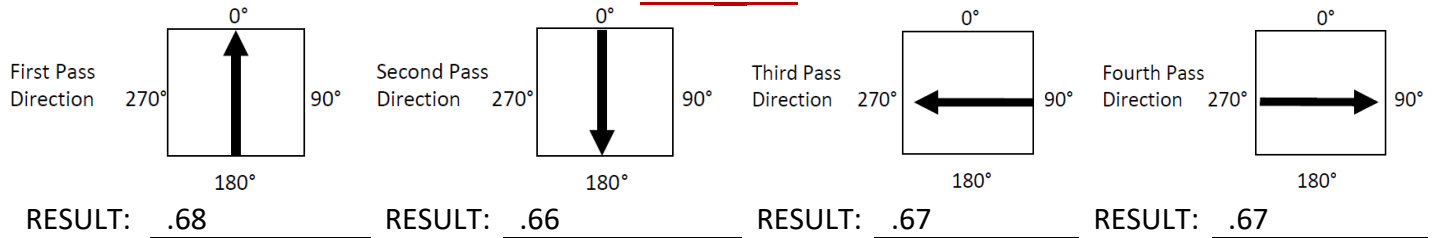
Calibration dates and calibration verification dates of tribometer: 08/21/2024 test tile used: GS-1 Calibration Tile

SAMPLE 1



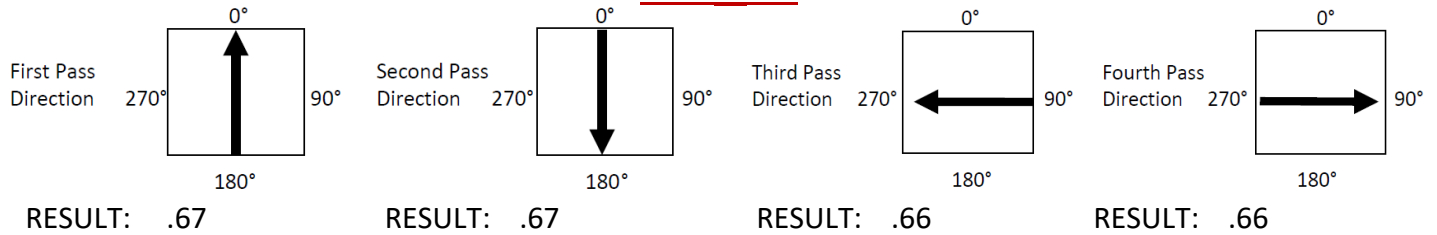
Average SCOF Result: .66

SAMPLE 2



Average SCOF Result: .67

SAMPLE 3



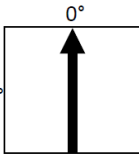
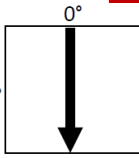
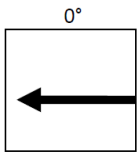
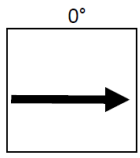
Average SCOF Result: .66

TOTAL AVERAGE SCOF RESULT: .66

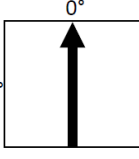
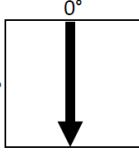
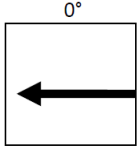
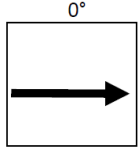
NFSI B101.3 Wet DCOF Test Report for Phase 1

Date: <u>08/22/2024</u>		Temperature of the laboratory: <u>33.2 C</u>	
Manufacturer Name:	<u>Curecrete Chemical Company</u>	Product Name:	<u>RetroGuard</u>
Product type (include a picture):	<u>Stain Protection</u>		
Description of material tested (i.e.: intended location and use, etc.)	<u>Cast-in- Place Concrete with 400 Grit Polish</u>	Signature of auditor/technician:	
Tribometer Used:	<u>GS-1</u>	Tribometer Serial number:	<u>14A037</u>
Calibration dates and calibration verification dates of tribometer:	<u>08/21/2024</u>	test tile used:	<u>GS-1 Calibration Tile</u>

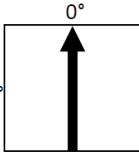
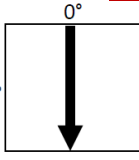
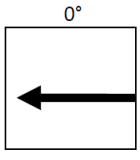
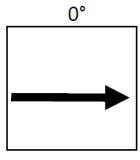
SAMPLE 1

First Pass Direction		Second Pass Direction		Third Pass Direction		Fourth Pass Direction	
RESULT: <u>.54</u>	RESULT: <u>.53</u>	RESULT: <u>.54</u>	RESULT: <u>.53</u>				
Average DCOF Result: <u>.54</u>							

SAMPLE 2

First Pass Direction		Second Pass Direction		Third Pass Direction		Fourth Pass Direction	
RESULT: <u>.54</u>	RESULT: <u>.53</u>	RESULT: <u>.50</u>	RESULT: <u>.50</u>				
Average DCOF Result: <u>.52</u>							

SAMPLE 3

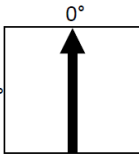
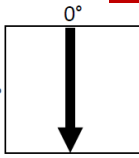
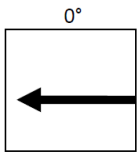
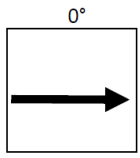
First Pass Direction		Second Pass Direction		Third Pass Direction		Fourth Pass Direction	
RESULT: <u>.52</u>	RESULT: <u>.49</u>	RESULT: <u>.50</u>	RESULT: <u>.49</u>				
Average DCOF Result: <u>.50</u>							

TOTAL AVERAGE DCOF RESULT: .52

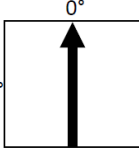
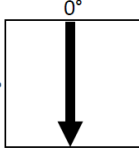
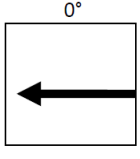
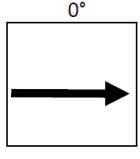
NFSI B101.3 Wet DCOF Test Report for Phase 1

Date: <u>08/22/2024</u>		Temperature of the laboratory: <u>33.2 C</u>	
Manufacturer Name:	<u>Curecrete Chemical Company</u>	Product Name:	<u>RetroGuard</u>
Product type (include a picture):	<u>Stain Protection</u>		
Description of material tested (i.e.: intended location and use, etc.)	<u>Cast-in- Place Concrete with 800 Grit Polish</u>	Signature of auditor/technician:	
Tribometer Used:	<u>GS-1</u>	Tribometer Serial number:	<u>14A037</u>
Calibration dates and calibration verification dates of tribometer:	<u>08/21/2024</u>	test tile used:	<u>GS-1 Calibration Tile</u>

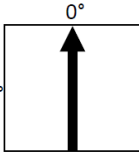
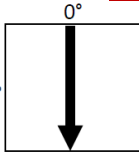
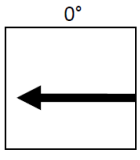
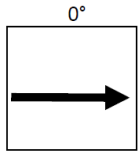
SAMPLE 1

First Pass Direction		Second Pass Direction		Third Pass Direction		Fourth Pass Direction	
RESULT: <u>.48</u>	RESULT: <u>.50</u>	RESULT: <u>.49</u>	RESULT: <u>.49</u>				
Average DCOF Result: <u>.49</u>							

SAMPLE 2

First Pass Direction		Second Pass Direction		Third Pass Direction		Fourth Pass Direction	
RESULT: <u>.51</u>	RESULT: <u>.51</u>	RESULT: <u>.50</u>	RESULT: <u>.49</u>				
Average DCOF Result: <u>.50</u>							

SAMPLE 3

First Pass Direction		Second Pass Direction		Third Pass Direction		Fourth Pass Direction	
RESULT: <u>.52</u>	RESULT: <u>.49</u>	RESULT: <u>.50</u>	RESULT: <u>.49</u>				
Average DCOF Result: <u>.50</u>							

TOTAL AVERAGE DCOF RESULT: .50