

FloorScore®

2020 Renewal Certification Assessment

SCS Environmental Certification Services

Prepared for:
Sofsurfaces, Inc.

Rubber Flooring

Manufactured in Petrolia, ON, Canada

Project Work Order: # SOF-19-02
February 25, 2020



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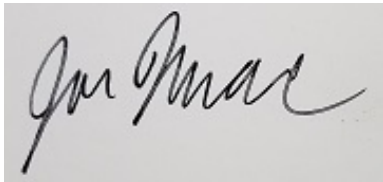
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FloorScore® Renewal Certification Assessment

SCS Global Services, Environmental Certification Services completed a renewal FloorScore certification assessment of SofSurfaces, Inc.'s rubber flooring products manufactured in Petrolia, ON, Canada. The lead auditor has completed a full assessment of the quality management assessment of each manufacturing site and product emissions review to determine conformance to SCS EC 10.3 – 2014 V4.0 Indoor Air Quality Performance Standard and CA 01350 (Standard Method v1.2, effective April 1, 2017). The results of the assessment are included within this assessment report.

This certification assessment has been completed in accordance with SCS' quality management system, ISO 19011 standard auditing practices, ISO/IEC 17065 and has been approved by the program manager. If there is a disagreement with the certification decision, please contact the program manager.



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EXECUTIVE SUMMARY

ASSESSMENT SCOPE

SofSurfaces' rubber flooring assessment scope is detailed in the work order SOF-19-02.

Changes to Client certificate(s)

A change to the client's scope was required to add one product

CERTIFICATE NUMBER	INFORMATION ADDED	INFORMATION REMOVED
SCS-FS-03864	DuraSound 5.0"	
SCS-FS-03864	TVOC Range: 0.5 mg/m ³ or less	TVOC Range: Between 0.5– 5.0 mg/m ³

INDOOR AIR QUALITY CERTIFICATION SUMMARY

The following table details the conformance for products that have met FloorScore® product certification requirements. Products that have met FloorScore® certification also comply with the following criteria: USGBC LEED 2008, 2009 and v4 for Low-Emitting Materials (Flooring); Collaborative for High Performance Schools (CHPS) 2009 Criteria, EQ2.2.3; ANSI/ASHRAE/USGBC/IES Standard 189.1-2014, Section 8.4.2.3: Floor Covering Materials; BREEAM International and BREEAM UK; Green Guide for Health Care 2.2 EP 3.3 and EQ 4.3; and WELL Building Standard 4.3.a: Air.

PRODUCT LINE(S)	QUALIFICATIONS	CERTIFICATE NUMBER	CERTIFICATION PERIOD
DuraSAFE 5.25", DuraSound 4.0", DuraSound 5.0", DuraStrong 4.0", DuraTRAIN 1.25"	TVOC Range: 0.5 mg/m ³ or less	SCS-FS-03864	March 1, 2020 – February 28, 2021

PRODUCT ASSESSMENT SUMMARY

No Non-Conformance Report (NCR)/ Opportunity for Improvement (OFI)/New Information Request (NIR) were issued as a result of this assessment.

MANUFACTURING ONSITE AUDIT SUMMARY

The table below indicates the entire scope of applicable site audits, the status of site audits completed, conformance status, and rationale for site audit selection for initial and renewal years.

MANUFACTURING SITE	DATE OF LAST ONSITE AUDIT	STATUS OF NCR/NIR	AUDITOR RATIONALE
Petrolia, ON, Canada	February 9, 2017	None	This site continues to demonstrate the ability to control production through a quality management system and manufactures products considered to be a low priority for emissions testing. Therefore, the site is also considered a low priority and does not require a renewal onsite audit at this time. The site will undergo a full quality review during the 2021 assessment.

1.0 Product Category Assessment

The following tables provide a progressive review on how products were selected to represent the emission profile for the product category, actual emissions results, and overall product certification results.

1.1 PRODUCT TESTING SAMPLE SELECTION

The following product sample selection is based on the product formulations, ingredients/materials, production processes and known production variability.

PRODUCT LINE	PRODUCT MODEL/SKU NO.	SUPPORTING DOCUMENTATION	AUDITOR RATIONALE
DuraSound	5.0	Sofsurfaces_FS 2020_Renewal DRF_auditor.docx	The DuraSafe is thicker, but it produced relatively low emissions when tested in 2018 and the new DuraSound 5.0 has not yet been tested

1.2 PRODUCT EMISSIONS RESULTS

The table below summarize the product emissions history results for the individual volatile organic compounds (VOCs) tested for compliance to CA Specification 01350 (Standard Method v1.2, effective April 1, 2017) private office and school classroom parameters when modeled as flooring. The highlighted row indicates the current emissions results.

1.2.1 RUBBER FLOORING

PRODUCT LINE	REPORT #/DATE	CREL VOCs	EF (ug/m ² -h) at 96-hrs	Private Office* Results	School Classroom** Results	TVOC Range
Recycled Rubber Playground	MAS 1600048/Feb0316	Formaldehyde	4.50	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Acetaldehyde	6.60	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Dimethylformamide (N,N-)	3.00	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Toluene	3.00	PASS	PASS	-

Recycled Rubber Playground	MAS 1600048/Feb0316	Xylenes Mixed (o-, m-, p-)	6.00	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Styrene	4.10	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Phenol	5.70	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Naphthalene	4.20	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	Tetrachloroethylene (perchloroethylene)	4.40	PASS	PASS	-
Recycled Rubber Playground	MAS 1600048/Feb0316	TVOC	1100.00	-	-	0.5 – 5.0 mg/m ³
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Naphthalene	2.90	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Styrene	1.60	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Xylenes Mixed (o-, m-, p-)	4.70	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Ethylbenzene	4.50	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Chlorobenzene	3.70	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Dimethylformamide (N,N-)	2.40	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	Formaldehyde	3.90	PASS	PASS	
5.25" DuraSAFE Premium	MAS 1800124 - Feb2218	TVOC	440.00			0.5mg/m ³ or less
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Formaldehyde	3.40	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Acetaldehyde	2.20	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Dimethylformamide (N,N-)	1.90	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Toluene	9.00	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Tetrachloroethylene (perchloroethylene)	9.60	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Chlorobenzene	4.90	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Xylenes Mixed (m-, p-)	7.20	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Xylenes (o-)	1.2	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Styrene	2.70	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Phenol	1.30	PASS	PASS	
5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	Naphthalene	1.40	PASS	PASS	

5.0" DuraSound® Flooring	MAS 1901647 - Jan2220	TVOC	490.00		0.5mg/m ³ or less
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*Key modeling parameters for the private offices scenario include an air flow rate of 20.7 m³/hr and flooring surface area of 11.15m².

**Key modeling parameters for the school classroom scenario include an air flow rate of 191 m³/hr and a flooring surface area of 89.2m².

The results for Sofsurfaces' rubber flooring products manufactured in Petrolia, ON, Canada demonstrate that all 35 targeted CREL VOCs listed in CDPH/EHLB Standard Method V1.2 are below 70% of the maximum allowable limits. Therefore, these products are considered **Low Priority**. Low Priority products require renewal testing every two years after initial certification. The TVOC results also demonstrate a TVOC range between of 0.5 mg/m³ or less.

1.3 LAB TESTING REQUIREMENTS

The table below is a checklist of the standard requirements for product testing and report results according to CA 01350 (Standard Method v1.2) and SCS EC10.3-2014.

	REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	ASSESSMENT RESULT
1	Laboratory is a qualified ISO 17025 certified laboratory. [Reference: SCS-EC10.3-2014-Section 6.3.2]	1901647 SofSurfaces DuraSound SCS FloorScore Emissions Compliance Report.pdf	The sample was tested by MAS, an ISO 17025 certified lab.	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI
2	The manufacturer has submitted results in accordance with CDPH/EHLB/Standard Method V1.2 (January 2017), [Reference: SCS-EC10.3-2014-Section 6.3.3]	1901647 SofSurfaces DuraSound SCS FloorScore Emissions Compliance Report.pdf	The results were submitted in accordance with the procedure.	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI
3	Samples for testing are selected by a SCS auditor or a person authorized by SCS. [Reference: SCS-EC10.3-2014-Section 6.2]	Sofsurfaces testing 2020.msg	The samples were selected by an auditor and collected by the client	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI
4	The samples are selected from a production lot that is representative of the processes and quality the manufacturer intends to present to the market. [Reference: SCS-EC10.3-2014-Section 6.2]	1901647 SofSurfaces DuraSound SCS FloorScore Emissions Compliance Report.pdf	The samples were selected from a production lot intended for the market	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI

		Chain of Custody Form attached.		
5	Manufacturer has submitted their nominations for test groups and worst case models accompanied by supportive data in the form of calculations, test results, formulations, and written explanation. [Reference: SCS-EC10.3-2014-Section 6.2]	Sofsurfaces_FS 2020_Renewal DRF_auditor.docx	The client has submitted their product descriptions and the worst-case scenario has been selected.	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI
6	Samples submitted to the laboratory are in conformance with CDPH/EHLB/Standard Method V1.2-January 2017, Section 2. [Reference: SCS-EC10.3-2014-Section 6.2]	1901647 SofSurfaces DuraSound SCS FloorScore Emissions Compliance Report.pdf Chain of Custody Form attached.	The samples were submitted in accordance with the procedure.	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI

1.4 QUALITY MANAGEMENT SYSTEM

The table below includes a review of the ongoing maintenance of the manufacturer's quality management system in accordance to SCS EC10.3-2014.

	REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	CONFORMANCE ISSUE
1	QMS Certification Valid ISO 9001 or comparable certification was submitted (if applicable) [Reference: SCS-EC10.3-2014-Section 6.5]	Sofsurfaces_FS 2020_Renewal DRF_auditor.docx	The client does not have an ISO certification but does have an implemented quality management system.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
2	Internal/External Audits Evidence of no outstanding NCRs were provided. [Reference: SCS-EC10.3-2014-Section 6.5]	CA4566-_S Type Load.pdf	The client has provided an example of an audit with no outstanding findings.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
3	Production Flow Chart [Reference: SCS-EC10.3-2014-Section 6.5]	Sofsurfaces_FS 2020_Renewal DRF_auditor.docx	The client has indicated no change to this aspect of the Quality Management System since last year.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR

4	Production Variability [Reference: SCS-EC10.3-2014-Section 6.5]	Sofsurfaces_FS 2020_Renewal DRF_auditor.docx	The client has indicated no change to this aspect of the Quality Management System since last year.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
5	Product Line Identification and Traceability [Reference: SCS-EC10.3-2014-Section 6.5]	Sofsurfaces_FS 2020_Renewal DRF_auditor.docx	The client has indicated no change to this aspect of the Quality Management System since last year.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
6	Production Control [Reference: SCS-EC10.3-2014-Section 6.5]	3459_001.pdf	The client has submitted an acceptable customer complaint report that indicates production control.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR

1.5 FLOORSCORE® LOGO REVIEW

The table below includes a review of the ongoing FloorScore® logo usage

	REQUIREMENT	SUPPORTING DOCUMENTATION	AUDITOR KEY FINDINGS	CONFORMANCE ISSUE
1	<p>Logo Use-Website Are SCS Indoor Air Quality logos used on the company website? (If yes, provide a link to the website.) [Reference: SCS-EC10.3-2014-Section 5.4]</p>	<p>https://www.sofsurfaces.com/</p>	<p>The client uses the logo appropriately in this capacity</p>	<p><input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR</p>
2	<p>Logo Use-Marketing Collateral Are SCS Indoor Air Quality logos used on “off-products” such as brochures, price lists, or leaflets? (If yes, provide a sampling of logos used on off-products.) [Reference: SCS-EC10.3-2014-Section 5.4]</p>	<p>3450_001.pdf</p>	<p>The client uses the logo appropriately in this capacity</p>	<p><input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR</p>
3	<p>Logo Use-On Product Packaging Are SCS Indoor Air Quality logos used on products such as product packaging or labels? (If yes, provide an example of a logo used on products.) [Reference: SCS-EC10.3-2014-Section 5.4]</p>	<p>Sofsurfaces_FS 2020_Renewal DRF_auditor.docx</p>	<p>The client does not use the logo in this capacity.</p>	<p><input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR</p>

APPENDIX

A.1 Renewal Audit Recommendations

A.1.1 Renewal Sample Selection

The following table represents suggested sample selections for emissions testing. The frequency and required number of samples is dependent on the quality management systems review per manufacturing site and emissions history review completed during each renewal assessment by the auditor.

PRODUCT LINE	PRODUCT MODEL/SKU NUMBER	Renewal YEAR	AUDITOR RATIONALE
DuraSAFE	5.25"	2022	This is the thickest product manufactured and has shown a wide array of potential emissions in the past. Testing is recommended to ensure continued compliance as part of the 2022 renewal.