

FloorScore®

2024 Renewal Certification Assessment

SCS Environmental Certification Services

Prepared for:

Intasa s.a.

Engineered Hardwood

Manufactured in Coruña, Spain

Project Work Order: #INT-23-49

January 9, 2024



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FloorScore® Renewal Certification Assessment

SCS Global Services, Environmental Certification Services completed a renewal FloorScore certification assessment of Intasa s.a.'s engineered hardwood products manufactured in Coruña, Spain. 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 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/quality manager directly.

Authorized Signatures

AUDITOR INFORMATION			
Lead Auditor Name	Michael Hubbell, Technical Specialist II mhubbell@scsglobalservices.com +1.510.838.1071	Date	January 8, 2024
SCS FINAL REVIEWER SIGNATURE			
SCS Decision Maker	Rob Emelander, Program Manager remelander@scsglobalservices.com +1.616.502.6090		
Signature		Date	January 9, 2024

EXECUTIVE SUMMARY

ASSESSMENT SCOPE

Intasa's engineered hardwood assessment scope is detailed in the work order INT-23-49. A change of scope was not required.

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
Engineered Hardwood Flooring with Birch Plywood Core (Maximum Thickness: 19mm), Engineered Hardwood with Cork Backing (Maximum Thickness: 10.2mm), Engineered Hardwood Flooring with HDF Core (Maximum Thickness: 14mm), Engineered Hardwood Flooring with Poplar Plywood Core (Maximum Thickness: 15mm)	TVOC Range: 0.5 mg/m ³ or less	SCS-FS-04298	*February 1, 2024 – December 31, 2024

**The issuance date of the renewal certificate has been adjusted as the certification extension expires on January 31, 2024.*

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
As Pontes, Coruña, Spain	March 27, 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

MANUFACTURING SITE	DATE OF LAST ONSITE AUDIT	STATUS OF NCR/NIR	AUDITOR RATIONALE
	Last Full Quality Review: 2021		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 be re-evaluated for an onsite during the 2025 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	SUPPORTING DOCUMENTATION	AUDITOR RATIONALE
10.2mm with HDF core, pine veneer	RE 2024 Sample Collection Procedures for Intasa s.a.msg	10.2mm with HDF core, pine veneer product samples were sent for testing as products with cork backing are no longer available.

1.2 PRODUCT EMISSIONS RESULTS

The table below summarizes 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 ENGINEERED HARDWOOD

PRODUCT LINE	REPORT #/DATE	CREL VOCs	EF (ug/m ² -h) at 96-hrs	Private Office* Results	School Classroom** Results	TVOC Range
Oak 1 Plank 14mm HDF	51611-001 - 11/17/2016	Acetaldehyde	10.00	PASS	PASS	-
Oak 1 Plank 14mm HDF	51611-001 - 11/17/2016	Formaldehyde	10.00	PASS	PASS	-
Oak 1 Plank 14mm HDF	51611-001 - 11/17/2016	Methylene chloride	4.00	PASS	PASS	-
Oak 1 Plank 14mm HDF	51611-001 - 11/17/2016	TVOC	70.00	-	-	0.5 mg/m ³ or less
Oak 1 Plank 14mm Plywood	51611-002 - 11/17/2016	Propylene glycol monomethyl ether	16.00	PASS	PASS	-
Oak 1 Plank 14mm Plywood	51611-002 - 11/17/2016	Acetaldehyde	6.00	PASS	PASS	-

Oak 1 Plank 14mm Plywood	51611-002 - 11/17/2016	Formaldehyde	10.00	PASS	PASS	-
Oak 1 Plank 14mm Plywood	51611-002 - 11/17/2016	Methylene chloride	4.00	PASS	PASS	-
Oak 1 Plank 14mm Plywood	51611-002 - 11/17/2016	TVOC	140.00	-	-	0.5 mg/m ³ or less
Oak 1 Plank with Cork Backing	52527.001 - 12/19/17	Phenol	1.90	PASS	PASS	-
Oak 1 Plank with Cork Backing	52527.001 - 12/19/17	Acetaldehyde	7.40	PASS	PASS	-
Oak 1 Plank with Cork Backing	52527.001 - 12/19/17	Formaldehyde	15.00	PASS	PASS	-
Oak 1 Plank with Cork Backing	52527.001 - 12/19/17	TVOC	140.00	-	-	0.5 mg/m ³ or less
Oak 1 Plank 19mm Birchwood	53283.001 - 6/11/18	Acetaldehyde	7.40	PASS	PASS	-
Oak 1 Plank 19mm Birchwood	53283.001 - 6/11/18	TVOC	59.00	-	-	0.5 mg/m ³ or less
Oak 1 Plank Cork Collection	53956.001 - 3/11/19	Acetaldehyde	3.70	PASS	PASS	-
Oak 1 Plank Cork Collection	53956.001 - 3/11/19	Formaldehyde	7.40	PASS	PASS	-
Oak 1 Plank Cork Collection	53956.001 - 3/11/19	TVOC	61.00	-	-	0.5 mg/m ³ or less
Fusion Corcho	54983.A001 - 2/5/20	Acetaldehyde	3.70	PASS	PASS	-
Fusion Corcho	54983.A001 - 2/5/20	Formaldehyde	3.70	PASS	PASS	-
Fusion Corcho	54983.A001 - 2/5/20	TVOC	24.00	-	-	0.5 mg/m ³ or less
Oak 1 Plank - Birch Plywood	5687.A001 - 12/06/21	Acetaldehyde	3.70	PASS	PASS	-
Oak 1 Plank - Birch Plywood	5687.A001 - 12/06/21	TVOC	140	-	-	0.5 mg/m ³ or less
10.2mm with HDF core, pine veneer	58776.A001 - 01/05/24	Acetaldehyde	7.50	PASS	PASS	-
10.2mm with HDF core, pine veneer	58776.A001 - 01/05/24	Formaldehyde	7.50	PASS	PASS	-
10.2mm with HDF core, pine veneer	58776.A001 - 01/05/24	TVOC	230	-	-	0.5 mg/m ³ or less

*Key modeling parameters for the private office 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 Intasa's Engineered hardwood products manufactured in Coruna, Spain demonstrate that all 35 targeted CREL VOCs listed in the 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 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]	58776.A001.pdf	The sample was tested by eco-INSTITUT GmbH, 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]	58776.A001.pdf	Results have been submitted in accordance with CDPH/EHLB Standard Method V1.2.	<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]	RE 2024 Sample Collection Procedures for Intasa s.a.msg	The sample was selected by the 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]	58776.A001.pdf Chain of Custody form	The sample selected is representative of the finished product intended for the market.	<input checked="" type="checkbox"/> No Issues <input type="checkbox"/> NCR <input type="checkbox"/> NIR <input type="checkbox"/> OFI
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]	Intasa_2024_FS_Renewal_DRF_auditor.docx	10.2mm with HDF core, pine veneer product samples were sent for testing as products with cork backing are no longer available.	<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]	58776.A001.pdf Chain of Custody form	The sample was submitted in conformance with CDPH/EHLB Standard Method V1.2.	<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)	Intasa_2024_FS_Renewal_DRF_auditor.docx	The client has recently undergone an ISO renewal, the certificate will be requested.	<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.	NC Description.docx	The client underwent an ISO 9001 audit, with no major 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]	Intasa s.a. - product info.msg	The client has indicated no changes to this aspect of the Quality Management System.	<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]	Intasa_2024_FS_Renewal_DRF_auditor.docx	The client has indicated no changes to this aspect of the Quality Management System.	<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]	Intasa_2024_FS_Renewal_DRF_auditor.docx	The client has indicated no changes to this aspect of the Quality Management System.	<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]	Customer claim English.docx Damaged box 2.jpg F. MONTGROS 4 packing list.pdf	The client has provided a customer claim with corrective action.	<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	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]	https://www.grupo-intasa.com/descargas	The client uses the logo appropriately in this capacity.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
2	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]	Hand sets.jpg	The client uses the logo appropriately in this capacity.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR
3	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]	Intasa_2024_FS_Renewal_DRF_auditor.docx	The client does not use the logo in this capacity.	<input checked="" type="checkbox"/> No issue <input type="checkbox"/> OFI <input type="checkbox"/> NIR <input type="checkbox"/> NCR

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 DETAILS	RENEWAL YEAR	AUDITOR RATIONALE
HDF core with poplar or birch plywood	14.0mm, pine veneer	2026	Intasa's engineered hardwood products are considered low priority and require testing every two years. HDF core with pine veneer showed emissions, but the product sent was not the thickest option. It is recommended to test the HDF core with pine veneer with the thickest option, 14.0mm.