

 **SWISS KRONO**

HDF COLLECTION


WOOD PANEL
Furniture Supplies & Decor Materials

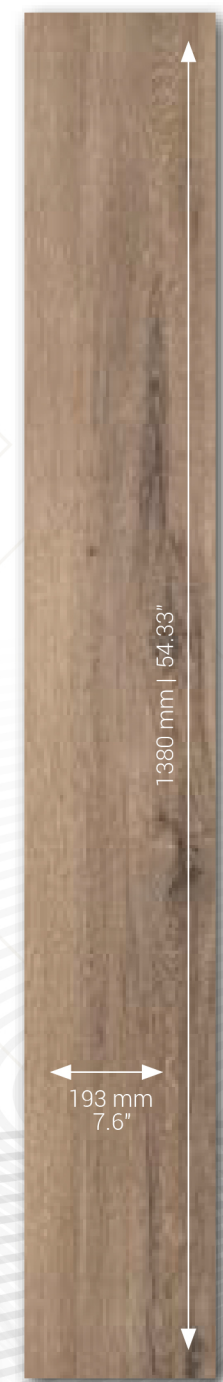


WHY WE RELY ON SWISS WOOD

Wood is the material par excellence for a sustainable future. It is a reservoir and what's more, the wood grown in Switzerland fantastic CO2 exceeds the amount harvested per year. SWISS KRONO products are Swiss wood – naturally from sustainable forestry % 100 made of almost Swiss wood. This helps us keep transport distances short, achieve excellent eco balances and bring a piece of the Swiss forest home to you.



SWISS SYNC CHROME



SWISS SYNC CHROME

THE 8 MM THICK SWISS V4 STANDARD LAMINATE FLOORING OF 1380 × 193 MM AND 5G CLICK SYSTEM IS SUITABLE FOR ALL MEDIUM - TRAFFIC SPACES DUE TO ITS HIGH ABRASION CLASS.



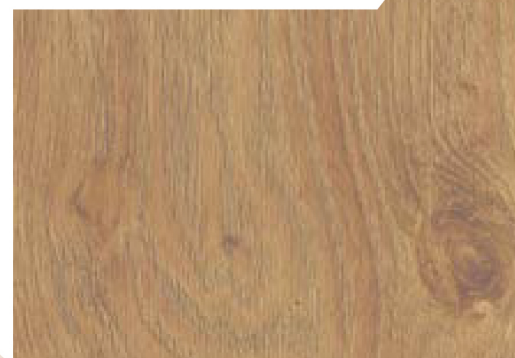
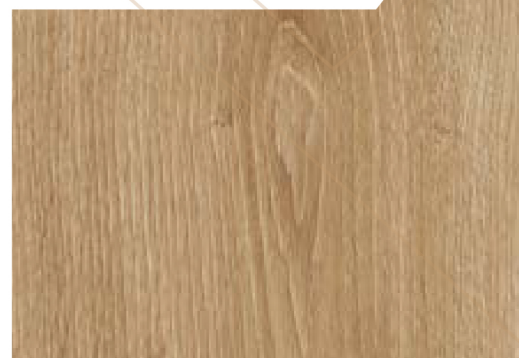
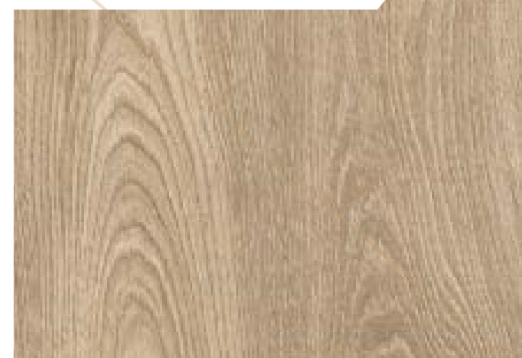
D7092 CN
Gstaad Oak



D3033 CN
Zermatt Oak



D3032 CN
Verbier Oak



STANDARD:



AC4 / KI. 32

CLICK SYSTEM:



synchronised



antiscratch



D3030





D3035





D80671





D3033

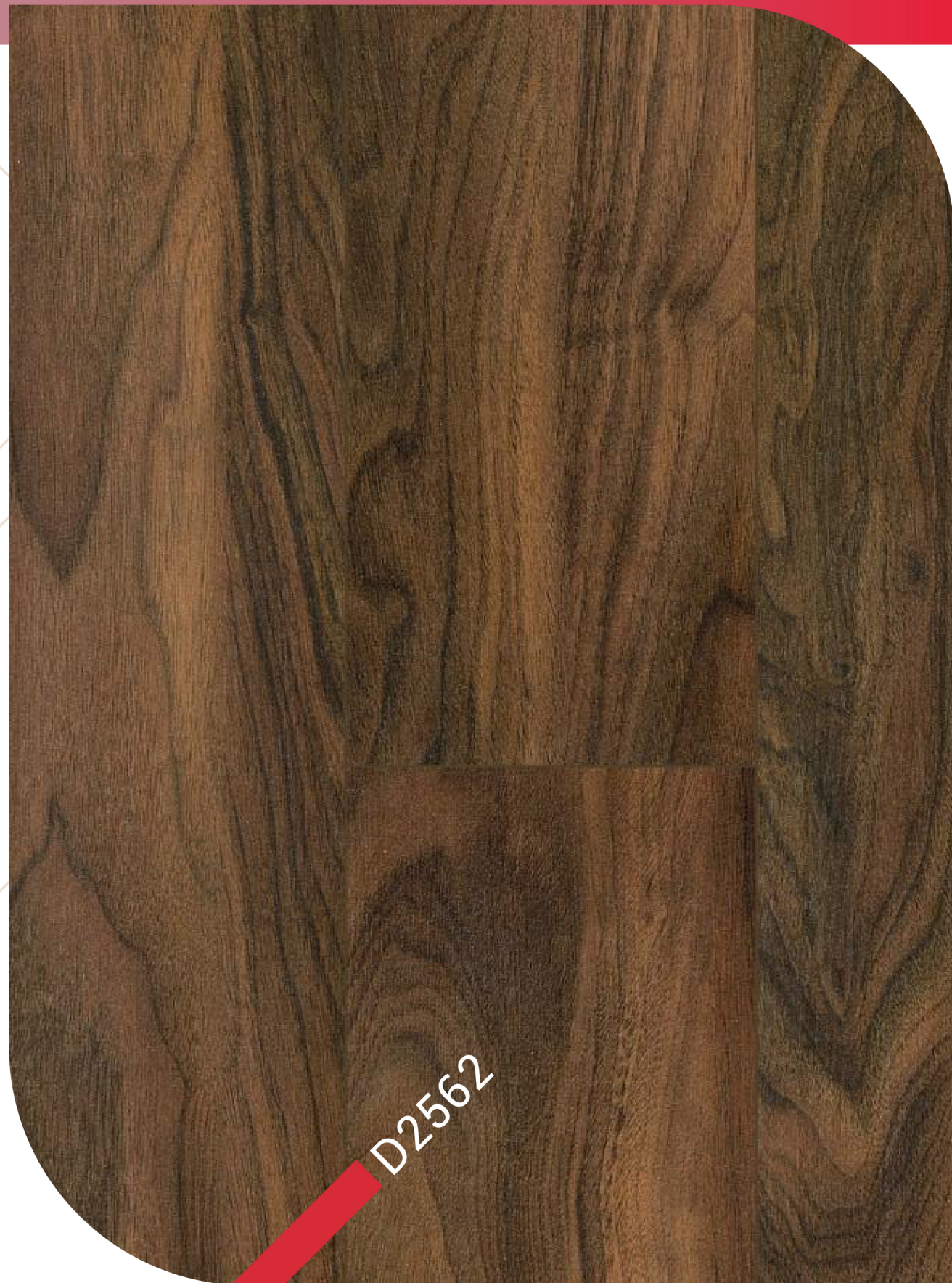




D7092







D2562





D80791





D40171





D4202





CERTIFICATE

Authorized Dealer

SWISS KRONO

WOOD PANEL, Block 273, Industrial Zone, Third Settlement, P.O. 11936, New Cairo, Egypt is authorized distributor of SWISS KRONO Flooring products in Egypt authorized by SWISS KRONO AG. All the SWISS KRONO Flooring products that WOOD PANEL is dealing with are produced in the Swiss plant of SWISS KRONO AG and delivered from Switzerland to Egypt. This certificate is valid till December 31, 2024.

Michael Boog
Head of Sales and Marketing

Thomas Glanzmann
Marketing

Martin Howald
Qualitymanagement



SWISS KRONO AG Phone +41 41 494 94 94 chme.info@swisskrono.com swisskrono.com/ch



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Certificate



The certification body of Swiss Safety Center AG hereby confirms that the company



SWISS KRONO AG
Willisauerstrasse 37
CH-6122 Menznau

for the scope

Research and development, manufacturing and marketing of decorative panels and semi finished products for the furniture industry and interior finishes as well as a wide range of laminate flooring products

successfully applies a quality and environmental management system according to

ISO 9001:2015 ISO 14001:2015

	ISO 9001	ISO 14001
Registration number:	06-111-053	98-111-503
Initial certification:	25.04.2006	15.05.1999
Recertification:	25.09.2021	26.09.2021
Valid from:	25.10.2021	15.11.2021
Valid until:	25.04.2024	14.05.2024



Heinrich A. Bieler
Head of the certification body

Wallisellen, 28.09.2021
Swiss Safety Center AG, Certifications
Richtstrasse 15, CH-8304 Wallisellen
A company of the SVT Group, member of VdTUV



LIGNUM Holzwirtschaft Schweiz bestätigt hiermit, dass das unten aufgeführte Unternehmen die Anforderungen gemäss Reglement Label Schweizer Holz erfüllt. Das Unternehmen wird durch dieses Zertifikat ermächtigt, Schweizer Holz Label-Produkte weiterzugeben, die aus Schweizer Wäldern stammen, hier verarbeitet und lückenlos kontrolliert wurden.

Lignum erteilt der Firma
SWISS KRONO AG

für die
Gesamtproduktion Standort Schweiz

das
Zertifikat Label Schweizer Holz
Registrierungsnummer Lignum-30-0055

Dieses Zertifikat hat Gültigkeit bis 14.09.2024

Marketing Schweizer Holz
c/o Lignum Holzwirtschaft Schweiz, Mühlbachstrasse 9, 8009 Zürich

Merlina Neumüller-Kast
Geschäftsführerin Marketing Schweizer Holz



Zertifikat

Die Unterzeichnenden bestätigen, dass die Firma

SWISS KRONO AG
in 6122 Menznau

seit 1991 Mitglied von SWISS LABEL ist. Damit ist sie berechtigt, die geschützte Marke mit der Armbrust auf ihren Produkten im Inland und in den wichtigsten Exportländern zu verwenden.

Präsident
Ruedi Lustenberger

Geschäftsführerin
Hélène Noirjean

Bern, im November 2019

SWISS LABEL

Gesellschaft zur Promotion von Schweizer Produkten und Dienstleistungen
Société pour la promotion des produits et services suisses

arv Baustoffrecycling Schweiz
asf Recyclage matériaux construction Suisse
Riciclaggio materiali costruzione Svizzera



Urkunde 2022

Der nachfolgend aufgeführte Betrieb hat die durch den arv Baustoffrecycling Schweiz durchgeführte Anlageninspektion bestanden. Sie beinhaltet folgende Prüfbereiche:

- Betriebs- und Anlagenkontrolle
- Überwachen der Einhaltung der gesetzlichen Bestimmungen
- Prüfung des Materialflusses

Firma **SWISS KRONO AG**
Anlagearten **Altholz-Aufbereitung**
Ort **6122 Menznau**

Inspektorat arv

Christian Haldimann

Mauro Miraglia

Zertifikat Energie-Agentur der Wirtschaft Freiwilliger Klimaschutz und Energieeffizienz



SWISS KRONO AG

Das Unternehmen **SWISS KRONO AG** setzt sich aus Überzeugung für den nachhaltigen Klimaschutz ein. Mit der freiwilligen Teilnahme am Programm der Energie-Agentur der Wirtschaft bekennt sich das Unternehmen **SWISS KRONO AG** zur aktiven Reduktion der CO₂-Emissionen und zur Optimierung der Energieeffizienz. Die Zielvereinbarung ist vom Bund, den Kantonen und Partnern der Wirtschaft anerkannt.

Rochus Dürschler
Energie-Agentur der Wirtschaft

1. Januar 2022

Erich A. Kalbermatter
Energie-Agentur der Wirtschaft

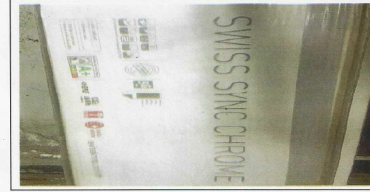


Test Report

Report No.	MOI 5094 07 2024
Client	BEROIA
Authority & date	Request Orders 23/7/2024
Items Tested	samples of (HDF Swiss SYNC chrome D3035 CN made in Switzerland AC4 class 32 , SPC ADO - FLOOR Beroia décor 4mm with 1mm lspo made in Turkey AC4 class 33) The detailed test results are given on the following pages of this report (9 pages) .
Results	
Report Typist	* Mis. Sara Abdel Rehim - Naglaa Mohamed
Test carried	* Mis. Fatma El - Zahraa Fikry
and supervised by	* H.Eng. Ahmed Said * Chem. Amr El Shafey * Dr. Abou El Ftouh Abd El Hakem
Authorized by	Prof. Dr. Mostafa Zaki Mostafa * The Supervisor of ceramics, Polymer and Solid Matter Department. * Management Representative and Quality Assurance Manager.
Issue date	11/8/2024
Condition of Test & Issue	The test specimen was conditioned at 23 °C with a humidity of 60 % and the needed calibrations as well as balancing of the all used machines were always done .

Dimension Test according to EN 13329
On a sample of Swiss SYNC chrome D3035 CN
made in Switzerland AC4 class 32

Delivered from BEROIA



No.	Thickness (mm)	Length (mm)	Width (mm)
1	7.76	1380.1	193.01
2	7.82	1380.1	193.02
3	7.67	1380.1	193.07
4	7.81	1380.1	193.08
The mean value	7.77	1380.1	193.05
EN 13329 standard limit	8 ± 0.5	1380 ± 0.5 (mm)	193 ± 0.10 (mm)

Impact Resistance Test According to EN 13329
On a sample of Swiss SYNC chrome D3035 CN
made in Switzerland AC4 class 32

Delivered from BEROIA

- * Small ball : 12 N
- * Height = 1600 mm
- * Impact class = IC2
- * The tested sample agree with EN 13329 class 32 .

Stain Resistance According to EN 13329

- * The tested sample free from any change in color group 1,2 grade 5 but in stain group 3 the tested sample agree with grade 4 .

Castor Chair Test according to EN 13329

- * The tested sample free from any change in appearance or damage .

Thickness Swelling According to EN 13329

- * Thickness Swelling = 12.8 %
- * EN 13329 standard limit < 18%

Resistance to cigarette burns According to EN 438 - 2

- * 3 samples (10 X 10cm) using three cigarette types namely (Marlboro , LM , Kent) .

Conclusions :-

- 1- No observed effect on any one of the three tested samples .
- 2- No visible change on the sample surface gloss . (rate 5) .

Dimension Tolerances according to EN 13329
On a sample of Swiss SYNC chrome D3035 CN
made in Switzerland AC4 class 32

Delivered from BEROIA

Test	Tolerances	EN 13329 standard limit
Squareness	0.11	≤ 0.2mm
Straightness	0.13	≤ 0.3 mm
Flatness crosswise	0.09	Concave ≤ 0.15 %
Flatness length	0.36	Concave ≤ 0.5 %
Opening between elements	0.07	Average ≤ 0.15mm Max ≤ 0.2mm
Height difference between elements	0.05	Average ≤ 0.1mm Max ≤ 0.15mm

Abrasion Resistance Test According to EN 13329

- * Abrasion reevaluation = 4000
- * Abrasion class = AC4 ≥ 4000
- * The tested sample agree with EN 13329 class AC4.

To / BEROIA

Dear Sir,

With correspondence to your request dated 23/7/2024 concerning the testing samples of (Swiss SYNC chrome D3035 CN made in Switzerland AC4 class 32 , ADO - FLOOR Beroia décor 4mm with 1mm lspo made in Turkey AC4 class 33), according to EN 13329 , 438 - 2 , We would like to inform you that the all following needed tests were carried out which namely :-

- 1- Dimension Test .
- 2- Dimension Tolerances .
- 3- Abrasion Resistance Test .
- 4- Thickness Test .
- 5- Impact Resistance Test .
- 6- Stain Resistance .
- 7- Castor Chair Test .
- 8- Thickness Swelling .
- 9- Resistance to cigarette burns

We would like to inform you that the all needed tests were carried out taking into consideration the following conditions :
1- In all mechanical properties GALDABINI - QUASAR 900- Testing Machine was used This type of GALDABINI has a self calibration , zero adjusting and automatic balance , which are done daily before testing or during testing this testing instrument is accompanied by a highly reliable system for evaluating the mechanical properties.
2- Measuring drum of sensitivity ± 0.01mm was used for dimensions evaluation .
3- Taber Model 505 DUAL ABRASER Tester
4- The all used Machinery and the apparatus were calibrated periodically.

The following tables give the obtained results representing the samples delivered from your company.

CERTIFICATE

WKI-300-1/2022

According to the contract no. 300 the

Fraunhofer Institute for Wood Research
Wilhelm-Klauditz-Institut WKI
Bienroder Weg 54E, 38108 Braunschweig, Germany

confirms that the product

SWISSHDF E1b
HDF, urea-formaldehyde (UF), unfaced
in the thickness range: ≤ 14 mm

manufactured by

SWISS KRONO AG
Willisauerstr. 37
6122 Menznau
Switzerland

fulfils the requirements for evaluation and verification of the resistance of described performance according to DIN EN 13986:2004+A1:2015 for the formaldehyde class E1 and that the factory production control complies with the minimum requirements of the certification program "E1 hEN" of the Fraunhofer WKI.

This certificate, first issued on January 17, 2022, is valid as long as the external supervision and the required testing are attested by the Fraunhofer WKI within half-yearly supervision intervals and as long as the production conditions in the manufacturing plant and the essential properties of the product are not changed.

E1
hEN



Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., München

Executive Board
Prof. Dr.-Ing. habil. Prof. E.h.
Dr.-Ing. E.h. mult. Dr. h.c. mult.
Reimund Neugebauer, President
Dr. rer. publ. ass. iur. Alexander Kurz
Dipl.-Kfm. Andreas Meuer

WKI is a registered mark of the Fraunhofer-Gesellschaft

H. Schwab

Dipl.-Ing. Harald Schwab
Head of the Testing, Supervision and Certifying Body
Braunschweig, January 17, 2022



CERTIFICATE

No. 1455-2022-12-TPC-4

According to the Toxic Substances Control Act (TSCA) Title VI § 770.7 (c)(4)(i)(A)-(F)
Formaldehyde Emission Standards for Composite Wood Products

Fraunhofer Institute for Wood Research
Wilhelm-Klauditz-Institut WKI
Bienroder Weg 54E, 38108 Braunschweig, Germany

as third-party certifier approved by Environmental Protection Agency (EPA) has

TSCA
Title VI

- A) verified that the panel producer quality assurance and quality control procedures are complying with the requirements
- B) verified the panel producers quality control test results
- C) established a quality control limit (QCL) for the product type
- D) verified that the producer has established a process that will be used if products exceed the QCL
- E) provided the CARB or EPA TPC number to the panel producer for labelling and recordkeeping and
- F) inspected the panel producers factory production control (FPC), its products and carries out the ongoing control of the FPC quarterly.

A certification contract No. 1455 with the panel producer

SWISS KRONO AG
Willisauerstr. 37
6122 Menznau
Switzerland

was concluded for the product

SWISSHDF

Thin MDF / MDF, urea-formaldehyde (UF), unfaced
in the thickness range: $4 \text{ mm} \leq 14 \text{ mm}$

which was assessed as compliant with formaldehyde emission standards of TSCA Title VI § 770.10 (b).



Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., München

Executive Board
Prof. Dr.-Ing. habil. Prof. E. h.
Dr.-Ing. E. h. mult. Dr. h. c. mult.
Reimund Neugebauer, President
Ass. jur. Elisabeth Ewen
Dr. rer. pol. Sandra Krey
Prof. Dr. rer. publ. ass. iur. Alexander Kurz
Prof. Dr. rer. nat. habil. Axel Müller-Groeling

This certificate, first issued on December 12, 2022, is valid as long as the continuous supervision, quarterly per year will be carried out by Fraunhofer WKI. For more information about TSCA Title VI, please visit EPA at: <https://www.federalregister.gov/documents/2016/12/12/2016-27987/formaldehyde-emission-standards-for-composite-wood-products>

H. Schwab

Dipl.-Ing. Harald Schwab
Head of the Testing, Supervision and Certifying Body
Braunschweig, January 18, 2023



WKI is a registered mark of the Fraunhofer-Gesellschaft

The Organization

SWISS KRONO AG

Willisauerstrasse 37
CH - 6122 Menznau



has been assessed and certified as meeting the requirements of

FSC® Chain-of-Custody

The company was assessed against the following standards:
FSC-STD-40-004 V3-0 FSC Standard for Chain of Custody Certification – April 2017
FSC-STD-40-005 V3-1 Requirements for Sourcing FSC® Controlled Wood – February 2017
FSC-STD-40-007 V2-0 Sourcing reclaimed material for use in FSC Product Groups or FSC Certified Projects – April 2011
FSC-STD-50-001 Requirements for use of the FSC trademarks by Certificate Holders

for the products detailed in the scope below

This certificate is valid from 26 August 2019 until 25 August 2024
Issue 7. Certified since August 1999
SGS Ref # CH12/1522

This is multi site scheme
Additional site details are listed on the subsequent page

Authorised by

SGS Société Générale de Surveillance SA
1, place des Alpes, 1211 Geneva, Switzerland
t +41 (0)22 739-91-11 f +41 (0)22 739-98-86 www.sgs.com



The mark of responsible forestry

The validity of this certificate shall be verified on <http://info.fsc.org/>
For the full list of product groups covered by the certificate see <http://info.fsc.org/>
This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified [or FSC Controlled Wood].
Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. This certificate remains the property of SGS.
The certificate and all copies or reproductions shall be returned or destroyed if requested by SGS.



SWISS KRONO AG

Chain-of-Custody



Issue 7

Detailed scope

Einkauf von Holzrohmaterial und Dekorpapier (FSC 100%, FSC Mix, FSC Controlled Wood, Controlled Wood und Post-Consumer Reclaimed Wood), Herstellung und Verkauf von Halbfertig- und Fertigprodukten aus Faser- und Spanplatten (FSC Mix, FSC Controlled Wood; Kreditsystem). Einkauf von Kronoply OSB-Produkten (FSC Mix), Weiterverarbeitung und Verkauf dieser Produkte zu Verlege-platten (FSC Mix; Transfersystem). Einkauf und Verkauf von Rohpapier (FSC Mix und FSC Controlled Wood), Weiterverarbeitung zu behatztem Dekorpapier und Verkauf (FSC Mix und FSC Controlled Wood; Transfersystem).

Purchase of wood raw materials and decor paper (FSC 100%, FSC Mix, FSC Controlled Wood, Controlled Wood and Post-Consumer Reclaimed Wood), manufacture and sale of pre-finished and finished products from fibre and chip boards (FSC Mix, FSC Controlled Wood; credit system). Purchase of Kronoply OSB products (FSC Mix), manufacturing and sale of these products to flooring boards (FSC Mix, transfer system). Purchase and sale of raw paper (FSC Mix and FSC Controlled Wood), manufacturing to impregnated decor paper and sale (FSC Mix and FSC Controlled Wood, transfer system).

The covered products and processes are performed by the network of sites, and not necessarily by each of them.

Additional facilities



The mark of responsible forestry

EUROPEAN PRODUCERS OF LAMINATE FLOORING

FEDERATION EUROPEENNE DES FABRICANTS DE REVETEMENTS DE SOL STRATIFIES

VERBAND DER EUROPÄISCHEN LAMINATFUSSBODENHERSTELLER E.V.



Kronospan AG
Willisauerstrasse 37
CH-6122 Menznau
Switzerland

16.07.1998

Confirmación de la calidad de socio en la EPLF

Con la presente confirmamos que


Kronospan AG
Willisauerstrasse 37
CH-6122 Menznau
Switzerland

un empresario de

KRONO HOLDING AG
Haldenstrasse 12
CH-6006 Luzern
Switzerland

es miembro en el Verband der europäischen Laminat-Fussbodenhersteller e.V. (EPLF)
(Asociación Europea de Productores de Suelos laminados, asociación registrada).

Atentamente


Peter H. Meyer
(Gerente)

EUROPEAN PRODUCERS OF LAMINATE FLOORING

FEDERATION EUROPEENNE DES FABRICANTS DE REVETEMENTS DE SOL STRATIFIES

VERBAND DER EUROPÄISCHEN LAMINATFUSSBODENHERSTELLER E.V.



Kronospan AG
Willisauerstrasse 37
CH-6122 Menznau
Switzerland

16.07.1998

Confirmation de l'affiliation à EPLF

Nous confirmons, par la présente, que


Kronospan AG
Willisauerstrasse 37
CH-6122 Menznau
Switzerland

est un entrepreneur de

KRONO HOLDING AG
Haldenstrasse 12
CH-6006 Luzern
Switzerland

membre de Verband der Europäischen Laminat-Fussbodenhersteller e.V. (EPLF)
(Association des Fabricants Européens de Planchers en Stratifié, association enregistrée)

Sincères salutations


Peter H. Meyer
(Gérant)

franz. ↻

ital. ↻



WOOD PANEL

Furniture Supplies & Decor Materials

📍 Block 273 Industrial zone, Third Settlement, P.O 11936, New Cairo, Egypt

🌐 www.woodpanel-eg.com ✉ info@woodpanel-eg.com

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📞 02 25720307